

**Volume**

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**R0492**

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MAY 10 1927

District Cadastral Engineer

Salt Lake City, Utah

BOOK A-492

## FIELD NOTES

OF THE SURVEY OF THE

FIRST STANDARD PARALLEL SOUTH THROUGH RANGES 11, 12, 13,  
14 and 15 WEST; FIRST AUXILIARY STANDARD PARALLEL SOUTH  
THROUGH RANGES 16 and 17 WEST; SECOND AUXILIARY STANDARD  
PARALLEL SOUTH THROUGH RANGES 13, 14, 15 and 16 WEST;  
SECOND GUIDE MERIDIAN WEST, BETWEEN RANGES 10 and 11  
WEST, THROUGH TOWNSHIPS 5 and 6 SOUTH; THIRD GUIDE  
MERIDIAN WEST, BETWEEN RANGES 13 and 14 WEST, THROUGH  
TOWNSHIPS 1, 2 and 3 NORTH, AND THROUGH TOWNSHIPS  
1, 2, 3, 4, 5, 6 and 8 SOUTH.

Of the SALT LAKE BASE AND Meridian,

In the State of U T A H

EXECUTED BY

ANDREW NELSON, U. S. CADASTRAL ENGINEER.

In the capacity of U. S. Surveyor, under instructions dated April 11, 1925,  
issued by the United States Surveyor General to govern surveys included in  
Group No. 164, which were approved by the Commissioner of the General Land  
Office, April 21, 1925, ~~XXX~~  
Assignment Instructions dated May 6, 1925.

Survey commenced May 22, 1925, ~~XXX~~Survey completed September 15, 1925, ~~XXX~~



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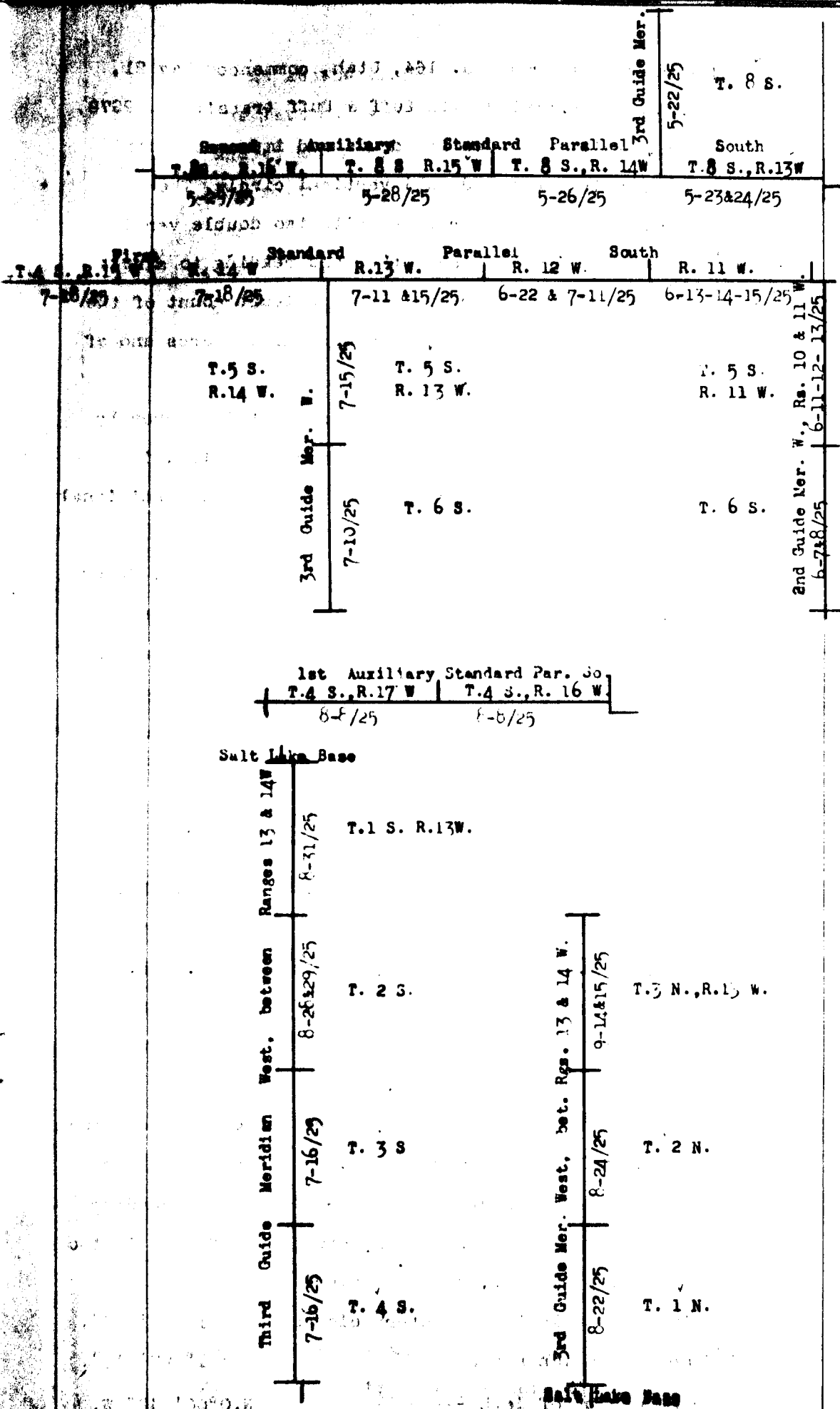
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Salt Lake Base

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Test of Instrument, Group No. 164.

The survey of Group No. 164, Utah, commenced May 21, 1925, and executed with Buff & Buff transit No. 9978, equipt with U shaped standards and improved Smith solar attachment and full vertical circle. The horizontal limb is provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and of the vertical circle.

The instrument was approved for use on this survey by the Assistant Supervisor of Surveys for Utah, in Assignment Instructions dated May 6, 1925, conditional upon satisfactory field tests.

The country over which the lines of this survey, Group No. 164, Utah, pass is, with few exceptions, level and open, lying in the Great Salt Lake Desert or Basin, and azimuth determinations were accomplished by observations made on Polaris, and the lines projected therefrom by double fore and back sights.

I examine the adjustments of the transit and correct all errors.

May 22, 1925, at the corner of Tps. 7 and 8 S., Rs. 13 and 14 W., S.L. B. & Mer., in approximate latitude  $40^{\circ} 10' N.$ , longitude  $113^{\circ} 22' W.$ ; at 4h12.6m a.m. by my watch which carries correct standard (105th meridian) time as compared with a Western Union clock at Tooele, Utah, May 19th, and is 33m 28s fast of local mean time, I observe Polaris at eastern elongation, making six observations, three each with the telescope in direct and reversed positions, reading the deflection angle from a lath driven firmly in the ground,  $\frac{1}{2}$  mile N., east to Polaris:

Azimuth of Polaris at eastern elongation =  $1^{\circ} 26' 26''$ .

Mean deflection angle =  $1^{\circ} 27' 15''$ .

True bearing of lath -----  $N.0^{\circ}00' 49'' W.$

May 22: At the above station, I set off  $40^{\circ}10'$  N. on the latitude arc;  $20^{\circ}23'$  N. on the declination arc; and at 9h 0m a.m., app.t., determine a meridian with the solar which I find to agree within 1' of the true meridian.

May 22: At a point 3 mile S. of the above station, in approximate latitude  $40^{\circ}07\frac{1}{2}'$  N., I make a meridian observation for time and latitude, observing simultaneously the altitude of the sun's lower limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously the altitude of the sun's upper limb and the transit of the sun's east limb.

Mean observed altitude	= $70^{\circ}17'15''$
Reduced latitude	= $40^{\circ}07'$ N.
Mean watch time of observation	= 12h30m04s
Watch fast of local mean time	= 33m34s

At approximate apparent noon with the instrument in the meridian, I set off  $40^{\circ}07'$  N. on the lat. arc, and observe the sun on the meridian: the resulting reading of the declination arc is  $20^{\circ}24'$  N., which agrees very closely with the computed declination of the sun.

At 3h 0m p.m., app.t., at the S.C. of Tps. 8 S., Rs. 13 and 14 W., I set off  $40^{\circ}04\frac{1}{2}'$  N. on the lat. arc;  $20^{\circ}26'$  N. on the decl. arc; and determine a meridian with the solar which I find to agree within 1' of the true meridian as projected south from the cor. of Tps. 7 and 8 S., Rs. 13 and 14 W. The solar apparatus was frequently checked against true meridians as determined by observations made on Polaris and reference line projected therefrom, and found to be in good adjustment.

All measurements are made with a Lallie steel ribbon tape, eight (8) chains in length, compared with a Lufkin steel Standard tape one chain in length and found to be correct. The measurements are made on the slope, the vertical angle determined with clinometers,

Chains

and the slope measurements properly reduced to true horizontal distances, which only appear in these notes. The standard parallels and guide meridians surveyed under this Group, with the exception of the 2nd auxiliary standard parallel south range 13 west, were not double chained for the reason that during the progress of surveys lines were initiated from or closed upon these lines, and that all measurements of the tape were double checked.

The greater portion of the country over which the lines of this survey, Group No. 164, pass lies on the Great Salt Lake Desert or Basin. The soil in the basin is of saline character which makes the use of the regulation iron posts impracticable, therefore dressed fir posts, 3 ft. long, 4 ins. square with gabled or wedged shaped top, saturated with linseed oil, were used in lieu thereof. The markings on the wood posts are cut in with scribes and deepened with chisels.

Deposits of glass or charcoal were used in conjunction with the wood posts.

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Third Guide Meridian West, through Tps. 8 South,  
between Rs. 13 and 14 West.

Commencing at the corner of Tps. 7 and 8 S., Rs. 13 and 14 W., which is an iron post, 3 ins. dia., extending 10 ins. above ground, firmly set, properly marked and witnessed by 4 pits as described in the original notes of T. 7 S., R. 13 W.

Thence

South, bet. secs. 1 and 5.

Over level alkali flat through few scattered salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

Chains

$\frac{1}{4}$  S 1 on W., and  
S 6 on E. face.

Dig pits, 18x18x12 ins., N. and S., of post, 3 ft. dist.:

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

W. of cor. Deposit a quart of glass at base of monument.

70.10 Lincoln Highway, bears N.  $86^{\circ}$  E. for about  $\frac{1}{4}$  mile distant

to E. edge of alkali flat, thence northeasterly around

N. end of Granite Mountain, and S.  $86^{\circ}$  W. for about

10 chs. dist. to bend thence about S.  $73\frac{1}{2}^{\circ}$  W. on tangent

across basin to W. edge. A culvert bears S.  $86^{\circ}$  W.,

3.20 chs. dist.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground, for cor. of secs. 1, 6, 7 and 12, marked

T8S S6 on NE.,

R13W S7 on SE.,

R14W S12 on SW., and

S1 on NW. face; with 1 notch on N.  
and 5 notches on S. edge.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.:

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of charcoal at base of

post.

NW. base of spur of Granite Mountain bears N.  $66\frac{1}{4}^{\circ}$  E.;

peak bears N.  $69^{\circ}20'$  E.

Land, level alkali flat in the Great Salt Lake Desert.

Soil, damp, white sticky clay, mixed with some sand.

Undergrowth, scattered salt brush, 1 ft. high.

South, bet. secs. 7 and 12.

Over level land, through scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S12 on W., and

S7 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

W. of cor. Deposit a quart of charcoal at base of

monument.



# Chains

48.00

Base of sand ridge, bears NE. and SW.

52.00

Top of ridge, 5 to 10 ft. high, bears NE. and SW.

61.00

Reenter clay flat, bears E. and W. and N. and S.

72.00

Top of low sand rise, extends E. 1 ch. to end, N. 70° E.

S. 70° E.; continue along rise, passing monument 01.00

75.00

Leave sand rise, enter clay flat, bears E. and NW. and S. and SE.

80.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground, for cor. of sec. 7, 12, 13 and 18, marked

T8S S7 on NE., R13W S18 on SE.,

R14W S13 on SW., and S12 on NW. face; with 2 notches on

N. and 4 notches on S. edge.

Dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of charcoal at base of

monument.

Land, level alkali flat with few, low scattered sandy

risers, 5 to 10 ft. high.

Soil, wet clay and sandy clay.

Undergrowth, scattered salt brush, greasewood and

shadscale.

South, bet. sec. 13 and 18.

Over level flat with few scattered sandy rises, 5 to

8 ft. high, through scattered brush.

40.00

On top of low sandy rise, bearing SW. and N. 70° E.,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground, for 1/4 sec. cor., marked

1/4 S13 on W., and S18 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

and raise a mound of earth, 3 1/2 ft. high, 1 1/2 ft. high,

W. of cor. Deposit a quart of charcoal at base of

monument.

80.00

Set a fir post, 5 ft. long, 4 ins. square, 26 ins. in

the ground, for cor. of sec. 7, 12, 13 and 18, marked

Third-class National Forest, through Twp. 8 South,  
between Rts. 13 and 14 West.

Remains

Set TBS S18 on NE.,  
R13W S19 on SE.,  
R14W S24 on SW., and  
S15 on NW. face; with 3 notches on  
N. and S. edges.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit a quart of charcoal at base of  
monument.

NW. base of Granite Mountain visible from this point,  
bears N.35°E.

Land, level alkali flat with few scattered sandy rises,  
3 to 8 ft. high.

Soil, wet, sticky clay, and sandy clay.

Undergrowth, scattered salt brush, greasewood and  
shadscale.

South, bet. secs. 19 and 24.

Over level land with few scattered sandy ridges, through  
scattered brush.

40.00

On clay flat,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S24 on W., and /  
S19 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
W. of cor. Deposit a quart of charcoal at base of  
monument.

69.25

Top of low sandy rise, extends E. for 5 chs. to end,  
and bears NW.

80.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 19, 24, 25 and 30,

marked

TBS S19 on NE.,  
R13W S30 on SE.,  
R14W S25 on SW., and  
S24 on NW. face; with 4 notches on  
W. and 2 notches on S. edge.

Undergrowth, scattered salt brush, greasewood and  
shadscale, average 1 ft. high.

*(continued)*

Third Guide Meridian West, through Tps. 8 South,  
R. 13 and 14 West.

South, Tps. 8 S. and 9 S.

Over level land through few scattered brush.

36.00 Top of sandy ridge, 10 ft. high, extends E. 5 chs. dist.  
to end, and bears NW.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

30.00 to corner:  $\frac{1}{4}$  S 36 on W., and  
S 31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor. Deposit a quart of charcoal at base of  
monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard corner of Tps. 8 South, Rs.  
13 and 14 West, on the Second Auxiliary Standard  
Parallel South, marked

SC T8S on N.,  
R13W S31 on E., and  
R14W S36 on W. face: with 6 grooves  
on N., E. and W. faces.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,  
and N. of post, 7 ft. dist.; and raise a mound of  
earth, 4 ft. base, 2 ft. high, N. of cor.

Deposit a quart of glass and charcoal at base of  
monument.

Land, level alkali flat in the Great Salt Lake Desert  
or Basin.

Soil, stiff, wet clay saturated with mineral of saline  
character.

Undergrowth, few scattered salt brush.

Second Auxiliary Standard Parallel South

Chains

Second Auxiliary Standard Parallel South  
through Range 13 West.

From the standard corner of Ts. 8 S., Rs. 13 and 14 W., just established.

East, on a random line along the 2nd auxiliary standard parallel south, through range 13 west, setting temp.  $\frac{1}{4}$  sec. and sec. cors. at regular intervals of 40.00 chs., and at 480.58 chs., the mean of two measurements, intersect the W. bdy. of T. 8 S., R. 12 W., North, 2.13 chs. dist. from the original corner of Ts. 8 and 9 S., Rs. 12 and 13 W., which is a granite stone, showing 12x8x6 ins. above ground, firmly set in a small mound of stone, plainly marked with 6 notches on N., S., E. and W. edges; from which a cedar stump 1 ft. high, bears S. 66° E., 82 lks. dist.; tree has been cut down and no marks are remaining. This corner now will refer to Ts. 8 and 9 S., R. 12 W. only, I efface the notches on W. edge, and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.

At point of intersection, North, 2.13 chs. from orig. cor., Set an iron post, 3 ft. long, 3 ins. dia., 26 ins. in the ground, for standard cor. of Ts. 8 and 9 S., R. 13 W., with brass cap marked

SC	
T8S	
R13S	T8S
S36	S31
S1	R12W
T9S	
R13W	

1925

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Corner is situated at E. base of Granite Mountain and about 30 chs. N. of south end of same.

Note: The standard parallel through range 13 west is double chained by the same set of chainmen and the distances as shown in these notes are the mean of the two measurements.

Chains

Thence from S.C. of Ts. 8 and 9 S., R. 13 W.

West, On a true line on S. bdy. sec. 36.

Over mountainous land through scattered undergrowth:

ascend steep, broken E. and SE. slopes of Granite

Mountain from cor. at E. base, 560 ft. to

40.00 On rocky E. slope near top of ridge,

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock and supported by a mound of stone, for standard  $\frac{1}{4}$  sec. cor., with brass cap marked

SC  
 $\frac{1}{4}$  S36

1925

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

40.80 Top of divide ridge of mountain, 20 ft. above  $\frac{1}{4}$  sec. cor., bears N., and breaks off to S. The S. base of mountain is about  $\frac{1}{2}$  mile S.

Descend broken and rocky W. and SW. slopes.

54.50 Gulch, 260 ft. below top, drains S.; ascend 70 ft. to

59.00 Spur, projects S.20°W.; descend general W. slope, 360 ft. to base.

76.00 W. base of Granite Mountain, bears N. and S.; continue over gentle W. slope.

80.00 On gentle W. slope, 570 ft. below top of ridge,

Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in the ground, for standard cor. of secs. 35 and 36, with brass cap marked

SC  
T8S R13W  
S35 S36

1925

from which

A lone cedar, 16 ins. diam., bears N.65°E.,

523 lks. dist., marked SC T8S R13W S36 BT

And raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

Chains

Land, mountainous with general S. and W. drainage SE. and SW. The line between Grants and about 1/2 mile from S. end of section 35. Soil, rocky of limestone formations with shallow sandy and gravelly loams; 3rd and 4th rates known. Undergrowth, short, scattered shade scale and greasewood. No timber.

West, on S. bdy. sec. 35.

Over level desert land with gentle W. slope, through short undergrowth.

- 14.60 Dim road, bears N. and S.
- 21.30 Two lone cedars bear S. of line about 2 chs. dist.
- 40.00 On nearly level land, 65 ft. below sec. cor., Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for standard 1/4 sec. cor., with brass cap marked

SC  
1/4 S35

1925  
Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor. Also deposit a quart of glass at base of post, and place few stones around post.

- 80.00 On level land, 50 ft. below 1/4 sec. cor., Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in the ground, for standard cor. of secs. 34 and 35, with brass cap marked

SC  
T8S R13W  
S34 S35

1925  
Dig pits, 18x18x12 ins., E. and W., 3 ft. and N. 7 ft. dist. of post, and raise a mound of earth, 4 ft. base, 2 ft. high. Deposit a quart of glass at base of monument.

Land, level desert with a gentle W. slope and drainage.  
 Soil, deep sandy and clay loam, mixed with few scattered  
 rocks; 2d rate.  
 Undergrowth, medium growth of shadscale and greasewood.  
 No timber.

West, on S. bdy. sec. 34.

Over nearly level desert land with slight W. exposure,  
 through short undergrowth.

40.00 On level land,

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in  
 the ground, for standard  $\frac{1}{4}$  sec. cor., with brass cap  
 marked

SC
$\frac{1}{4}$ S34

1925

Dig pits, 18x18x12 ins., E. and E. of post, 3 ft. dist.:  
 and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor. Deposit a quart of glass at base of monument.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in  
 the ground, for standard cor. of secs. 33 and 34,  
 with brass cap marked

SC	
T8S	R13W
S33	S34

1925

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,  
 and N. of post, 7 ft. dist.; and raise a mound of  
 earth, 4 ft. base, 2 ft. high, N. of cor.

Deposit a quart of glass at base of monument.

Land, level desert; slight W. slope on E.  $\frac{1}{2}$  mile.

Soil, deep sandy and clay loam, and heavy white clay:

2nd and 3rd rates.

Undergrowth, medium shadscale, greasewood and yellow  
 top.

No timber.



Chains

West, on S. bdy. sec. 33.

Over level desert land, through medium undergrowth.

39.00 Enter low sand hummocks, bears NW. and S. 20° E.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., with brass cap marked.

SC  
 $\frac{1}{4}$  S33

1925

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of monument.

75.00 Top of sandy rise or ridge, 15 ft. high, bears N. and S., and extends along the E. edge of alkali flat.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in the ground, for standard cor. of secs. 32 and 33, with brass cap marked.

SC  
T8S | R13W  
S32 | S33

1925

Deposit a quart of glass at base of monument.  
Loose sand, pits or other accessories impracticable.  
Land, level desert.

Soil, damp, white clay, and sandy clay, with loose sand on W. end of mile; 3rd and 4th rates.

Undergrowth, medium shadscale and greasewood.  
No timber.

West, on S. bdy. of sec. 32.

Over level land, loose sand ridge, through scattered undergrowth.

8.00 Leave sand ridge, enter alkali flat with wet clay soil, on the Great Salt Lake Desert or Basin, bears W. and S.

40.00 On level alkali flat,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked SC $\frac{1}{4}$ S32 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of monument.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 31 and 32, marked

SC T8S R13W on N.,  
S 32 on E., and  
S 31 on W. face; with 5 grooves on  
E. and 1 groove on W. face.

Dig pits, 18x18x12 ins., E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument.

Land, level alkali and mud flat on W. 72 chs.; low sand ridge on E. 8 chs.

Soil, wet, sticky clay and sandy clay on basin; loose sand on E. end; 4th rate.

Undergrowth, scattered salt brush, 1 ft. high.

West, on S. bdy. of sec. 31.

Over alkali flat with few scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked SC $\frac{1}{4}$ S31 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of monument.

80.58 Intersect the standard corner of Tps. 8 S., Rs. 13 and 14 W., hereinbefore described.

Land, level alkali flat.

Soil, wet, sticky clay saturated with mineral; and mixed with some sand.

Chains

Undergrowth, few scattered salt brush.

Second Auxiliary Standard Parallel South,  
through Range 14 West.

From the standard cor. of Tps. 8 S., Rs. 13 and 14 W.  
West on the tangent, S. of sec. 36.

Over level alkali flat through few scattered brush.

15.00 Enter low sand rise, bears N.20°E. and S.20°W.

20.50 Top of rise, 10 ft. high, extends N. about 6 chs. to end,  
and bears S.

23.50 Leave same, bears N. and S.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard  $\frac{1}{4}$  sec. cor., marked SC $\frac{1}{4}$ S36  
on N. face: dig pits, 18x18x12 ins., E. and W. of  
post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft.  
base, 1 $\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of  
glass at base of monument.

75.00 Leave all vegetation, bears N. and S.

80.00 N. 1 lk. from the tangent,  
Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard cor. of secs. 35 and 36,  
marked

SC T8S R14W on N.;  
S36 and 1 groove on E., and  
S35 and 5 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,  
and N. of post, 7 ft. dist.; raise a mound of earth,  
4 ft. base, 2 ft. high, N. of cor. Deposit a quart  
of glass at base of monument.

Land, level alkali flat.

Soil, wet, sticky clay, mixed with some sand.

Undergrowth, few scattered salt brush, 1 ft. high.

S. 89°59' W. on the tangent, S. of sec. 35.

Over level land, nearly void of vegetation.

40.00 N. 2 lks. from the tangent,  
Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard  $\frac{1}{4}$  sec. cor., marked SC $\frac{1}{4}$ S35  
on N. face; dig pits, 18x18x12 ins., E. and W. of post,  
3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base,  
1 $\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at  
base of monument.

80.00 N. 3 lks. from the tangent,  
Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard cor. of secs. 34 and 35,  
marked

SC T6S R14W on N.,  
S35 and 2 grooves on E., and  
S34 and 4 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,  
and N. of post, 7 ft. dist.; and raise a mound of  
earth, 4 ft. base, 2 ft. high, N. of cor.

Deposit a quart of glass at base of post.

Land, level alkali flat, with few narrow sand rises,  
about 3 to 5 ft. high in E.  $\frac{1}{2}$  mile.

Soil, wet, sticky clay.

Undergrowth, a few salt brush on the sand rises.

S. 89°58' W. on the tangent, S. of sec. 34.

Over level alkali flat, void of vegetation.

40.00 N. 5 lks. from the tangent,  
Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard  $\frac{1}{4}$  sec. cor., marked SC $\frac{1}{4}$ S34  
on N. face; dig pits, 18x18x12 ins., E. and W. of post,  
3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base,  
1 $\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at  
base of post.

80.00 N. 8 lks. from the tangent,  
Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard cor. of secs. 33 and 34,  
marked

Second Auxiliary Standard Parallel South, Chicago Survey.

Chains

SC T8S R14W on N.,  
S34 and 3 grooves on E., and  
S33 and 3 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,  
and N. 7 ft. dist. of post; raise a mound of earth,  
4 ft. base, 2 ft. high, N. of cor.

Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil, heavy, damp clay.

No vegetation.

S. 89°58' W. on the tangent, S. of sec. 33,

Over level alkali flat, void of vegetation.

40.00 N. 10 lks. from the tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard  $\frac{1}{2}$  sec. cor., marked SC $\frac{1}{2}$ S33  
on N. face; dig pits, 18x18x12 ins., E. and W. 3 ft.  
dist. of post; and raise a mound of earth, 3 $\frac{1}{2}$  ft.  
base, 1 $\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass  
at base of post.

80.00 N. 14 lks. from the tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard cor. of secs. 32 and 33,  
marked

SC T8S R14W on N.,  
S33 and 4 grooves on E., and  
S32 and 2 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,  
and N. of post, 7 ft. dist.; and raise a mound of  
earth, 4 ft. base, 2 ft. high, N. of cor.

Deposit a quart of glass at base of post.

Land, level alkali flat.

Soil, heavy, damp clay.

No vegetation.

S. 89°57' W. on the tangent, S. of sec. 32.

Chains

Over level land, void of vegetation.

40.00 N. 17 lks. from the tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked SC $\frac{1}{4}$ S32 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of post.

80.00 N. 21 lks. from the tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 31 and 32, marked

SC T8S R14W on N.,  
S32 and 5 grooves on E., and  
S31 and 1 groove on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

Deposit a quart of glass at base of post.

Land, level alkali flat.

Soil, damp, heavy clay, and sandy clay.

No vegetation.

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S. 89°56' W. on the tangent, S. of sec. 31.

Over level land, void of vegetation.

40.00 N. 26 lks. from the tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked SC $\frac{1}{4}$ S31 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of post.

80.00 N. 30 lks. from the tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard corner of Tps. 8 S., Rs. 14

Second Auxiliary Standard Parallel South, Range 14 West.

Chains

and 15 W., marked

SC T8S on N.,  
R14W S31 on E., and  
R15W S36 on W. face; with 6 grooves  
on N., E., and W. faces.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,  
and N. of post, 7 ft. dist.: and raise a mound of  
earth, 4 ft. base, 2 ft. high, N. of cor. /

Deposit a quart of glass at base of post. /

Land, level alkali flat on the Great Salt Lake Desert.

Soil, heavy, wet clay, mixed with some sand, saturated  
with mineral.

No vegetation.

Second Auxiliary Standard Parallel South,  
through Range 15 West.

From the standard cor. of Tps. 8 S., Rs. 14 and 15 W.  
West, on the tangent, S. of sec. 36.

Over level flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard  $\frac{1}{2}$  sec. cor., marked SC $\frac{1}{2}$ S36  
on N. face; dig pits, 18x18x12 ins., E. and W. of  
post, 3 ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$  ft.  
base, 1 $\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass  
at base of post. /

80.00 N. 1 lk. from the tangent,  
Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard cor. of secs. 35 and 36,  
marked

SCT8S R15W on N.,  
S36 and 1 groove on E., and  
S35 and 5 grooves on W. face. /

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,  
and N. of post, 7 ft. dist.: and raise a mound of  
earth, 4 ft. base, 2 ft. high, N. of cor. /

Deposit a quart of glass at base of post. /

is a low, level alkali flat. 2000 ft. high.

Soil, wet, sticky clay, mixed with some sand.

**No vegetation.**

S. 89°59' W. on the tangent, S. of sec. 35.

Over level land, void of vegetation.

40.00 at N., 2 lks. from the tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked SC $\frac{1}{2}$ S35

on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor. Deposit a quart of glass at base of post. /

80.00	N. 3' lks. from the tangent,
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Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 34 and 35, marked.

SC T8S R15W on N.,  
S35 and 2 grooves on E., and  
S34 and 4 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,  
and N. of post, 7 ft. dist.; and raise a mound of  
earth, 4 ft. base, 2 ft. high, N. of cor./

Deposit a quart of glass at base of post. /

Land, level alkali flat..

Soil, damp, heavy clay.

No vegetation.

S.  $89^{\circ}58'$  W. on the tangent, S. of sec. 34.

Over level flat, void of vegetation.

40.00	N. 5 lks. from the tangent.
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Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard  $\frac{1}{4}$  sec. cor., marked SC $\frac{1}{4}$ S34

on N. face; dig pits, 18x18x12 ins., E. and W. of  
post, 3 ft. dist.; and raise a mound of earth, 3 1/2 ft.



Chains	
80.00	<p>1½ ft. high, N. of cor. Deposit a quart of glass at base of post. 1/4</p> <p>N. 8 lks. from the tangent,</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 33 and 34, marked</p> <p>SC TBS R15W on N., S34 and 3 grooves on E., and S33 and 3 grooves on W. face.</p> <p>Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.</p> <p>Deposit a quart of glass at base of post.</p> <p>Land, level alkali flat.</p> <p>Soil, damp, heavy clay.</p> <p>No vegetation.</p>
40.00	<p>S. 89°58' W. on the tangent, S. of sec. 33.</p> <p>Over level land, void of vegetation.</p> <p>N. 10 lks. from the tangent,</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard 1/4 sec. cor., marked SC S33 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor. Deposit a quart of glass at base of post.</p>
80.00	<p>N. 14 lks. from the tangent,</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 32 and 33, marked</p> <p>SC TBS R15W on N., S33 and 4 grooves on E., and S32 and 2 grooves on W. face.</p> <p>Dig pits, 18x18x12 ins., on each line, E. and W., 5 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.</p> <p>Deposit a quart of glass at base of post.</p>

Chains

Land, level alkali flat.  
Soil, damp, sticky clay, mixed with some sand.  
No vegetation.

S. 89°57' W. on the tangent, S. of sec. 32.

Over level flat, void of vegetation.

40.00 N. 17 lks. from the tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked SC $\frac{1}{4}$ S32 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of post. ✓

80.00 N. 21 lks. from the tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 31 and 32, marked

SC T8S R15 W., on N.,  
S32 and 5 grooves on E., and  
S31 and 1 groove on W. face.,

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.,

Deposit a quart of glass at base of post. ✓

Land, level alkali flat.

Soil, damp sandy clay.

No vegetation.

S. 89°56' W. on the tangent, S. of sec. 31.

Over level land, void of vegetation.

40.00 N. 26 lks. from the tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked SC $\frac{1}{4}$ S31 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of post. ✓

Second Auxiliary Standard Parallel South, Range 16 West

Chains

angle

1½ ft. high, N. of cor. Deposit a quart of glass at base of monument.

80.00

N. 30 lks. from the tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard corner of Tps. 8 S., Rs. 15 and 16 W., marked

SC T8S on N.,  
R15W S31 on E., and  
R16W S36 on W. face; with 6 grooves  
on N., E., and W. faces.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

Deposit a quart of glass at base of post.

Land, level alkali flat in the Great Salt Lake Desert.

Soil, damp, sticky clay, and sandy clay, saturated with mineral.

No vegetation.

Second Auxiliary Standard Parallel South,  
through Range 16 West.

From the standard cor. of Tps. 8 S., Rs. 15 and 16 W. West, on the tangent, S. of sec. 36.

Over level alkali flat, void of vegetation.

40.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard ¼ sec. cor., marked SC ¼ S36 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor. Deposit a quart of glass at base of post.

80.00

N. 1 lk. from the tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 35 and 36, marked

SC T8S R16W on N.,  
S36 and 1 groove on E., and  
S35 and 6 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,  
and N. of post, 7 ft. dist.; and raise a mound of earth,  
4 ft. base, 2 ft. high, N. of cor. /

Deposit a quart of glass at base of post.

Land, level alkali flat.

Soil, heavy, damp clay.

No vegetation.

S. 89°59'W. on the tangent, S. of sec. 35.

Over level alkali flat, entering a few scattered salt  
brush.

40.00 N. 2 lks. from the tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard  $\frac{1}{4}$  sec. cor., marked SC $\frac{1}{4}$ S35  
on N. face; dig pits, 18x18x12 ins., E. and W. of  
post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft.  
base, 1 $\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of  
glass at base of post. /

45.00 Enter small sandy hummocks, bears N. and S.

80.00 N. 3 lks. from the tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard cor. of secs. 34 and 35,  
marked

SC T8S R16W on N.,  
S35 and 2 grooves on E., and  
S34 and 4 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,  
and N. of post, 7 ft. dist.; and raise a mound of  
earth, 4 ft. base, 2 ft. high, N. of cor. /

Deposit a quart of glass at base of post. /

Land, level alkali flat, with few, small sandy hummocks.

Soil, damp clay mixed with some sand.

Undergrowth, few small salt brush on hummocks.

Second Auxiliary Standard Parallel South, ~~W. 89°58' N.~~

Chains

S. 89°58' W. on the tangent, S. of sec. 34.

Over level alkali flat, through few scattered brush covered hummocks.

24.00 Enter more hummocks.

40.00 N. 5 lks. from the tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{2}$  sec. cor., marked SC $\frac{1}{2}$ S34 on N. face: dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of post. /

80.00 N. 8 lks. from the tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 33 and 34, marked

SC T8S R16W on N.,  
S34 and 3 grooves on E., and  
S33 and 3 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. /

Deposit a quart of glass at base of post. /

Land, level alkali flat with scattered sandy hummocks, 1 to 2 ft. high.

Soil, wet clay, and sandy clay.

Undergrowth, scattered salt brush.

---

S. 89°58' W. on the tangent, S. of sec. 33.

Over level alkali flat with scattered hummocks and brush.

40.00 N. 10 lks. from the tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{2}$  sec. cor., marked SC $\frac{1}{2}$ S33 on N. face: dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of post. /

Station

From the above 2 sections: A sign post which reads "Goodman Section of Lincoln Highway 17 miles long", bears S. 89° 57' W., approximately 55½ chs. dist. It is situated at W. edge of flat, and at W. end of tangent of road.

For 14 lks. from the tangent,  
Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 32 and 33, marked

SC TBS R16W on N.,  
S33 and 4 grooves on E., and  
S32 and 2 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

Deposit a quart of glass at base of post.

The Utah State Auto Association's sign post on the Lincoln Highway, reading "Orr's Ranch 59 miles: Salt Lake City 137 miles: Gold Hill 12 miles", located on top of black gravel ridge, bears N. 124° W., approximately 28½ chs. dist. Gravel pit on S. end of ridge, bears S. 33° W., about 22 chs. dist.

Land, level alkali flat with dense brush covered hummocks, from 1 to 3 ft. high.

Soil, wet sandy clay.

Undergrowth, scattered salt brush, 1 ft. high.

S. 89° 57' W. on the tangent, S. of sec. 32.

Over level flat with dense hummocks and salt brush.

12.50 Cross N. end of sand dune, bears S. for 7 chs. dist.

16.00 Enter firmer soil.

31.60 Dim road, bears N. 35° E. and S. 35° W.

37.70 Top of small sand knoll.

40.00 N. 17 lks. from the tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

# Chains

the ground, for standard cor. of sec. 31 and 32, on N. face; dig pits, 18x18x12 ins., 3 ft. dist. N. of post; 3 ft. dist.; and raise a mound of earth, 3 ft. base, 1 1/2 ft. high, N. of cor. Deposit a quart of glass at base of post.

Road sign post of Auto Club of Southern California, on W. slope of ridge, bears N. 25° E., about 22 chs. dist.

50.00 Leave alkali flat and damp sandy clay soil of the basin, enter nearly level desert land with slight E. exposure, firm sandy clay and gravel soil, dense short undergrowth; ascend 25 ft. to sec. cor.

80.00 N. 21 lks. from the tangent,  
Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 31 and 32, marked

SC T8S R16W on N.,  
S32 and 5 grooves on E., and  
S31 and 1 groove on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

Deposit a quart of glass at base of post.

Land, level alkali flat on E. 50 chs. and nearly level desert on remainder of mile.

Soil, damp sandy clay on E. portion; firm sandy clay with fine black gravel on surface on W. portion.

Undergrowth, scattered salt brush, greasewood and shadscale.

S. 89° 56' W. on the tangent, S. of sec. 31.

Over nearly level desert land through scattered undergrowth.

15.00 Top of small sandy knoll.

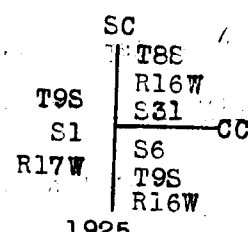
40.00 N. 26 lks. from the tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground, raise a mound of small cobble stone, 2½ ft. base, 1 ft. high, N. of cor. Deposit a quart of glass at base of post. ✓

58.18 W. 28 lks. from the tangent, intersect E. bdy. of T. 9 S., R. 17 W., South, 7.58 chs. dist. from the original cor. of Tps. 8 and 9 S., Rs. 16 and 17 W., which is a limestone, 12x8x8 ins. above ground, firmly set, plainly marked with 6 notches on N., S., E., and W. edges; unwitnessed. This corner will now refer to Tps. 8 and 9 S., R. 17 W. only, I efface the notches on E. edge, and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

At point of intersection,  
 Set an iron post, 3 ft. long, 3 ins. dia., 26 ins. in the ground, for closing standard corner of Tps. 8 and 9 S., R. 16 W., with brass cap marked



Raise a mound of stone, 2½ ft. base, 2 ft. high, E. of cor.; and deposit a quart of glass at base of post. ✓

Sign post on Lincoln Highway and on top of black ridge, bears N. 78°02' E., approximately 1 mile and 55 chs. dist. High point in Fish Spring Range, bears S. 29° 48' E.; Ibapah Peak, bears S. 34°13' W.

Land, nearly level desert, slight E. slope.  
 Soil, hard packed gravelly and sandy clay, with small cobble rock on surface; 3rd rate.  
 Undergrowth, medium shadscale, greasewood and sagebrush.



## General Description:

With the exception of east portion of range 13 west, which crosses the south end of Granite Mountain, the Second Auxiliary Standard Parallel South, through Ranges 13 to 16 West, inclusive, crosses the basin of the Great Salt Lake Desert, and is practically a barren alkali waste for 18½ miles, with nearly level desert land on either side of the flat. The soil of the alkali flat is a heavy, damp to wet clay and sandy clay of 4th rate, saturated with mineral of saline character, destitute of vegetation, except along edges for a mile or so where a scattered growth of short salt brush grows.

The land to north and south of this line is level alkali flat, or desert.

May 29, 1925.

Second Guide Meridian West, through Tps. 6 South,  
between Ranges 10 and 11 West.

June 7, 1925: At the original cor. of Ts. 6 and 7 S., Rs. 10 and 11 W., in approximate latitude  $40^{\circ}15' N.$ , longitude  $113^{\circ}01' W.$ ; at 2h 36.4m a.m., l.m.t., I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, reading the deflection angle from a lath driven firmly in the ground about 30 chs. N., east to Polaris:

Azimuth of Polaris at eastern elongation =  $1^{\circ}26'36''$ .

Mean deflection angle, lath to star =  $1^{\circ}26'00''$ .

True bearing of lath =  $N.0^{\circ}00'36''E.$

The original corner of Ts. 6 and 7 S., Rs. 10 and 11 W.,

I find to be a greatly disintegrated limestone, broken to pieces with no marks remaining, lying on top of slight trace of mound of earth and in center

Section 32, Township 6 South, Range 10 and 11 West.

Chains

of evidences of pits, N., S., E. and W. The pits are completely filled in, but owing to discoloration of the soil are easily distinguishable, and upon excavation are well defined having been dug in a heavy clay, and later filled with a white sand.

In order to locate and identify the above tp. cor.,

I made a preliminary retracement of the W. bdy. of T. 7 S., R. 10 W., finding most of the corners thereon.

I reconstruct the tp. cor. at same point as follows:

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, with broken stone alongside, for cor. of

Ts. 6 and 7 S., Rs. 10 and 11 W., marked

T6S R10W S31 on NE.,  
T7S R10W S6 on SE.,  
T7S R11W S1 on SW., and  
T6S R11W S36 on NW. face; with 6 notches on the 4 edges.

Dig pits, 18x18x12 ins., on each line, N., E. and W., 3 ft., and S. of post, 8 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor.

Deposit a quart of glass at base of post.

Thence

North, on guide meridian bet. secs. 31 and 36.

Over level alkali- mud flat on the Great Salt Lake Desert, void of vegetation.

18.00 Leave alkali flat and wet clay soil, enter sand hills or dunes, with few scattered greasewoods, bears S. 80°E. and nearly W.

30.00 Top of sand dune, 25 ft. high, bears E. and W.

37.00 Bottom of narrow clay flat between dunes, extends E.

40.00 On N. edge of clay ground,

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{2}$  sec. cor., with brass cap marked

$\frac{1}{2}$   
S36 | S31

1925

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:

Second Guide Meridian West, through T6 S. R11 W. & R10 W.  
between Ranges 10 and 11 West.

Chains

and raise a mound of earth,  $3\frac{1}{2}$  ft. base;  $1\frac{1}{2}$  ft. high,  
W. of cor.

The original  $\frac{1}{4}$  sec. cor., a limestone,  $10 \times 6 \times 3$  ins.,  
marked  $\frac{1}{4}$  on one face and lying on ground, bears N. 13  
and W. 8 lks. dist. I remove stone and place same  
alongside of iron post, thus destroying its original  
position.

Continue over high, rolling, shifting sand dunes, with  
few scattered greasewoods.

75.80 Summit of sand dunes, 50 ft. high, bears E. and W.

80.00 On top of low sand dune,

Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in  
the ground, for cor. of secs. 25, 30, 31 and 36, with  
brass cap marked

T6 S	
R11 W	R10 W
S25	S30
S36	S31

1925

Deposit a quart of glass at base of post.

Level alkali and mud flat with wet clay and void of  
vegetation on S. 18 chs.: rolling sand dunes with  
white shifting sand and few scattered greasewoods  
on N. portion of mile.

North, bet. secs. 25 and 30.

Over rolling sand dunes with few greasewoods.

25.00 Sand dunes become smaller, and enter more brush, bears  
E. and W.

40.00 In low sand dunes,

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$	
S25	S30

Deposit a quart of glass at base of post.

46.00 Leave sand dunes, enter level desert land with dense

Chains

undergrowth, 3 to 4 ft. high; sandy soil, bears E. and E.

70.00 Leave sandy, enter clay soil.

80.00 On level land,

Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, with brass cap marked

T6 S	
R11W	R10W
S24	S19
S25	S30

1925

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post.

S. 46 chs. is rolling sand dunes with loose, shifting white sand and few greasewoods in depressions; N. 34 chs. is level desert land, with sandy, and clay loam; 2nd and 3 rate; undergrowth dense greasewood and shadscale, 3 to 4 ft. high.

S. end of Wig Mountain, bears N.74½°W., about 1½ mile dist.; center of wide, flat pass between Cedar Range and Wig Mountain, bears N.25°W., about 3½ mile dist.

North, bet. secs. 19 and 24.

Over level desert land, through dense undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼	
S24	S19

1925

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor. Deposit a quart of glass at base of post.

Leave greasewood, continue through short shadscale undergrowth.

Chains

80.00

On level land,  
 Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in  
 the ground, for cor. of secs. 13, 18, 19 and 24, with  
 brass cap marked

T 6 S	
R 11 W	R 10 W
S 13	S 18
S 24	S 19

1925

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.,  
 and raise a mound of earth, 4 ft. base, 2 ft. high,  
 W. of cor. Deposit a quart of glass at base of post.

Land, level desert with slight S. exposure.

Soil, deep sandy clay; 2nd rate.

Undergrowth, dense shadscale and greasewood.

No timber.

North, bet. secs. 13 and 18.

Over nearly level land through dense, short undergrowth;  
 over slight SW. slope.

13.70 Wash, 10 lks. wide, 4 ft. deep, drains SW.

17.10 Dim trace of old wagon road, bears N.80°E. and S.80°W.

33.30 Dim road, bears N.60°E. and S.60°W.

40.00 On slight SW. slope, 55 ft. above sec. cor.,  
 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in  
 the ground, for ¼ sec. cor., with brass cap marked

¼	
S 13	S 18

1925

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,  
 and raise a mound of earth and stone, 3½ ft. base,  
 1½ ft. high, W. of cor.

S. base of Wig Mountain, bears S.56½°W., approximately  
 2 miles dist.; N. base of same, bears N.63½°W., about  
 2½ to 2¾ miles dist.

Second Quarter Section West, through Tps. 6 South,  
just W. of the Cedar Ranges 10 and 11 West.

Chains

(1) sec. Gently ascend over SW. slope across few small washes  
draining SW., 90 ft. to sec. cor.

80.00 On gentle SW. slope,  
Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in  
the ground, for cor. of secs. 7, 12, 13 and 18, with  
brass cap marked

T 6 S	
R11W	R10W
S12	S7
S13	S18

1925

10 Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.:  
and raise a mound of stone and earth, 4 ft. base,  
2 ft. high, W. of cor. /

Land, nearly level desert with a gentle SW. slope.

Soil, deep, sandy clay loam, with few scattered rock  
on N. end of mile; 3rd rate.

Undergrowth, dense shadscale, scattered greasewood and  
white sage.

No timber.

North, bet. secs. 7 and 12.

Gently ascend over SW. slope through short undergrowth.

18.30 Old sheep road which follows along W. base of Cedar  
Range, bears N.60°W. and S.60°E.; enter rolling foot  
hills facing SW. and W., bears NW. and SE.

19.80 Dry wash, 20 lks. wide, 2 ft. deep, drains S.20°E.

30.00 Same wash, drains S.20°W.; heads NE. about 6 chs. dist.

40.00 On a steep, rocky S. slope, 170 ft. above sec. cor.,  
Set an iron post, 3 ft. long, 1 in. dia., 3 ins. in  
the ground to solid limestone bedrock, and supported  
by a large mound of stone, for  $\frac{1}{2}$  sec. cor., with brass  
cap marked

S12

S7

1925

Chains

Deposit a limestone, 6x4x4 ins., marked with a cross (X) at base of post.

43.00 Low spur, 35 ft. above  $\frac{1}{4}$  sec. cor., projects SW.; continue gentle ascent over rolling SW. slope.

50.80 Small ravine, 15 ft. deep, drains SW., and heads NE. 6 chs. dist.

71.15 Low spur, 165 ft. above  $\frac{1}{4}$  sec. cor., projects SW.

80.00 On a gradual W. slope,  
Set an iron post, 3 ft. long, 2 ins. dia., 8 ins. in the ground to bedrock, and supported by a mound of stone and earth, 4 ft. base, 2 ft. high, for cor. of secs. 1, 6, 7 and 12, with brass cap marked

T 6 S	
R 11 W	R 10 W
S 1	S 6
S 12	S 7

1925.

At base of post, deposit a limestone, 10x6x4 ins., marked with a cross (X).

Land, rolling and hilly with a gradual SW. exposure and drainage lying along the W. base of Cedar Range of mountains.

Soil, rocky of limestone formation with shallow sandy and clay loams; 3rd and 4th rates.

Undergrowth, short shadscale and some white sage.  
No timber.

North, bet. secs. 1 and 6.

Over rolling foot hills facing SW., through short undergrowth.

8.00 Wash, 20 lks. wide, 8 ft. deep, drains SW.

11.70 Wash, 20 lks. wide, 8 ft. deep, drains SW.

18.30 A main wash, 20 lks. wide, 6 ft. deep, drains S. 30° W.

34.25 Ravine, 20 ft. deep, drains SW., and heads a mile or more to NE.

40.00 On top of low rise between ravines, 130 ft. above sec. cor.,  
Set an iron post, 3 ft. long, 1 in. dia., 20 ins. in

the ground to bedrock, and supported by a mound of stone and earth, for  $\frac{1}{4}$  sec. cor., with brass cap

marked with a cross (X).

about 40 chs. dist.

For sec. cor. S36 S6

From monument, base of mountain 1925

At base of post, deposit a limestone, 5x5x4 ins., marked with a cross (X).

A black trachyte or volcanic outcrop, bears S. 89° W., approximately 15 chs. dist.

44.00 Small ravine, 20 ft. deep, drains SW., heads 10 chs. NE.

73.00 Base of mountainous land, bears E. and W.; ascend steep S. slope, 100 ft. to

77.65 Top of hill or spur, 295 ft. above  $\frac{1}{4}$  sec. cor., projects S. 60° W. for short dist. to end, and rises to NE.;

thence along W. slope, descend 25 ft. to tp. cor.

79.80 Small depression on W. slope, drains W. for 5 chs. to draw, thence SW.

80.00 On a SW. slope, Set an iron post, 3 ft. long, 3 ins. dia., 26 ins. in the ground, for corner of Tps. 5 and 6 S., Rs. 10 and 11 W., with brass cap marked

T 5 S	
R11W	R10W
S36	S31
S1	S6
T 6 S	
1925	

from which

A cedar limb, 7 ins. diam., bears N. 43° E., 126 lks. dist., marked S36 BT (scrubby)

And raise a small mound of stone S. of cor.

Land, rolling and mountainous, with general SW. slope and drainage.

Soil, stony with shallow sandy loam, lying on rock sub-

soil: 3rd rate.

Undergrowth, short, sheds scale.

No timber.



Chains

Second Guide Meridian West, through Tps. 5 and 6 S., Rs. 10 and 11 W.,  
 . . . . . between Ranges 10 and 11 West.

From the cor. of Tps. 5 and 6 S., Rs. 10 and 11 W.,  
 just established,

North, bet. secs. 31 and 36.

Over rolling and broken mountainous land, through short  
 undergrowth and few scattered cedar and pinon; gradual-  
 ly ascend 20 ft. along W. slope.

1.25 Top of ascent on W. slope; descend 20 ft. to

4.45 Small draw, drains S.30°W.; ascend 140 ft. to

10.70 Top of spur, projects SW.; descend 85 ft. to

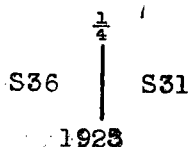
14.20 Draw, drains S.30°W.; ascend 185 ft. to

30.00 Spur, projects E.; descend 50 ft. to

34.00 Recross last mentioned draw, drains SE.; ascend 100 ft.  
 over SW. slope to

38.00 Top of ascent on W. slope: descend NW. slope, 15 ft. to  
 $\frac{1}{4}$  sec. cor.

40.00 On steep NW. slope, 1 ch. to E. of draw,  
 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

A cedar, 8 ins. diam., bears N.85°W., 140 lks.  
 dist., marked  $\frac{1}{4}$  S36 BT

A cedar, 10 ins. diam., bears N.20°E., 168 lks.  
 dist., marked  $\frac{1}{4}$  S31 BT

40.35 Small branch draw, 15 ft. below  $\frac{1}{4}$  sec. cor., drains  
 S.80°W. for 1 ch. to main draw, thence nearly S.;  
 heads NE. about 10 chs. dist.

Gradually ascend general S. slope, on E. side of draw.

48.50 Cross head of long draw, drains S.5°W.; continue up  
 S. slope.

56.90 Top of high ridge, 200 ft. above  $\frac{1}{4}$  sec. cor., and 1535  
 ft. above tp. cor. of hills to S. which is visible.

Section 2 Second, Section North of West, through Tps. 35 South,  
 35 West between Ranges 10 and 11 West.

22.15

24.15

bears S. 70° E. and SW.; a spur takes off to N. 5° W.;  
 also point from which a peak bears N. 46½° E., about 2  
 miles distant; SE. base of Wig Mountain bears S. 19° W.,  
 about 4½ miles dist.

Descend along E. slope of spur.

65.00 Thence descend along top of spur, from S. 10° W.

74.15 Leave top of spur, projects N. 20° W., descend steep NE.  
 slope.

80.00 On steep NE. slope, 330 ft. below ridge,  
 Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in  
 the ground, for cor. of secs. 25, 30, 31 and 36, with  
 brass cap marked

	T 5 S	
R 11 W		R 10 W
S 25		S 30
S 36		S 31

1925

Deposit a quart of glass at base of monument: and raise  
 small mound of stone around post./

Trees within limits but too scrubby to mark, and no  
 rock available for additional mound.

Land, rolling and broken mountainous: exposure to N.  
 and S.; drainage SW. and NW.

Soil, stony and gravelly loams; 3rd rate.

Timber, very scattered scrub cedar and pinon.

Undergrowth, medium shadscale, sagebrush and rabbit-brush.

North, bet. secs. 25 and 30.

Over mountainous land with general W. exposure, through  
 scattered scrub timber and short undergrowth: descend  
 along NE. and N. slopes. 145 ft. to bottom canyon.

6.00 Mouth of small ravine from S. 10° E. and S. edge of canyon,  
 bears E. and W.

7.40 Wash, 40 lks. wide, 4 ft. deep, in bottom of canyon,  
 course N. 80° W.

Chains	
13.90	Low spur, 90 ft. above canyon, projects N. 25° W. 15 chs. to end.
15.50	Small draw, 35 ft. below spur, heads NE. 8 chs., and drains N. 80° W.
19.25	Low spur, 75 ft. above draw, projects N. 80° W. 10 chs. to end.
22.90	Wash, 20 lks. wide, 3 ft. deep, in bottom of long draw, drains SW.
25.00	Low spur, 100 ft. above wash, projects S. 70° W. 8 chs. to end.
27.00	Draw, drains SW.; heads short dist. E.; ascend 165 ft. to
40.00	On a gradual SE. slope in head of small draw, drains SE., Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: center;"> <math>\frac{1}{4}</math>            S25   S30            1925         </div>
	from which
	A cedar, 6 ins. diam., bears S. 19° W., 126 lks. dist., marked $\frac{1}{4}$ S25 BT
	No other accessories available.
41.45	Spur ridge, 20 ft. above $\frac{1}{4}$ sec. cor., projects W.; descend steep NE. slope, 185 ft. to
51.30	Wash, 20 lks. wide, 3 ft. deep, in S. edge of hollow, drains NW.; thence across hollow which heads short dist. E.
58.10	Wash, 20 lks. wide, 4 ft. deep, in N. edge hollow, drains SW. for 7 chs., thence nearly W.; ascend S. and SW. slope, 90 ft. to
63.90	Small spur, slopes W. 4 chs. to end.
70.40	Small draw, 10 ft. below spur, drains S. 70° W.; ascend rocky S. slope, 120 ft. to
74.40	High spur, projects W. 15 chs. dist. to end.; thence along rolling W. slope, desc. 15 ft. to
79.00	Spur ridge, bears W. for about 1 mile, and S. 80° W.

Second Guide Meridian West, through Tps. 5 South,  
between Ranges 10 and 11 West.

Chains

- 80.00 True point for sec. cor. falls on steep bank of wash,  
8 ft. high, where cor. cannot be perpetuated.
- 80.10 Wash, 15 lks. wide, 6 ft. deep, in shallow ravine, drains  
N.70°W.; heads 30 chs. E.
- 80.40 Set an iron post, 3 ft. long, 2 ins. dia., 20 ins. in  
the ground to underlying rock, and supported by a  
mound of stone, for witness cor. to the cor. of secs.  
19, 24, 25 and 30, with brass cap marked

T 5 S	
R11W	R10W
S24	S19
S25	S30
WC	
1925	

from which

A cedar, 4 ins.diam., bears S.32°W., 81 lks. dist.,  
marked BT (scrubby)

And raise a mound of stone, 3 ft. base, 2 ft. high, W.  
of cor.

Land, broken mountainous with general westerly exposure  
and drainage.

Soil, gravelly and stony loam, and rocky: 3rd and 4th  
rates.

Timber, very scattered scrub cedar and pinon.

Undergrowth, scattered, short shadscale and sagebrush.

North, bet. secs. 19 and 24, counting distance from  
true cor. point.

Over broken and rolling mountainous land facing W.,  
through short undergrowth.

- 0.40 The witness cor.
- 6.10 Low spur, 10 ft. above cor., projects N.80°W.
- 9.00 Draw, 50 ft. below spur, drains N.60°W.
- 12.50 Low spur, 65 ft. above draw, projects W. 1 ch. to end.
- 15.00 Draw, 100 ft. below spur, drains W.
- 20.60 Spur, 160 ft. above draw, projects W. 25 chs. dist.
- 24.75 Draw, 85 ft. below spur, drains W.; heads  $\frac{5}{8}$  mile to E.

Chains	
	Ascend S. and SW. slopes, 210 ft. to
32.40	Low spur, projects W. for 3 chs. thence NW.
37.00	Draw, 50 ft. below spur, drains SW. for 4 chs. thence S.
40.00	On steep S. slope, 80 ft. above draw, Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in the ground to bedrock, and supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: center;"><math>\frac{1}{4}</math> S24   S19 —1925</div>
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
41.65	Top of spur, projects W.; also point from which, N. end of Wig Mountain bears S.32°W., about $4\frac{1}{2}$ miles dist.; and lone black butte, bears S.43°W., about 4 miles dist.
45.25	Draw, 125 ft. below spur, drains W. for 20 chs. thence SW.
51.20	Spur, 120 ft. above draw, projects W.
56.20	Draw, 170 ft. below spur, drains N.80°W.
63.00	Spur, 110 ft. above draw, projects N.80°W. 20 chs. dist.
67.10	Draw, 60 ft. below spur, drains N.80°W. to NW.
69.60	Spur, 70 ft. above draw, projects N.70°W. 9 chs. dist.
72.80	Draw, 85 ft. below spur, drains S.80°W. to junction with last mentioned draw, thence NW.; ascend steep S. slope, 175 ft. to
78.80	High spur, projects W.; descend 40 ft. to cor.
80.00	On steep N. slope, Set an iron post, 3 ft. long, 2 ins. dia., 14 ins. in the ground to bedrock, and supported by a mound of stone, for cor. of secs. 13, 18, 19 and 24, with brass cap marked.
	<div style="text-align: center;">T5S R11W   R10W S13   S18 S24   S19 —1925</div>
	Deposit a shale limestone, 11x5x4 ins., at base of post, marked with a cross (X).

On line

12.00

Trees within limits but too scrubby to mark, and no  
 rock available for additional mound.

20.00

Land, broken mountainous with a general westerly  
 exposure and drainage.

Soil, rocky of shale and limestone formation, and  
 shallow sandy clay loam; 3rd and 4th rates.

Timber, scattered scrub cedar and pinon.

Undergrowth, scattered shadscale and sagebrush.

North, bet. secs. 13 and 18.

Over broken mountainous land with general W. exposure:  
 through scattered scrub timber and short undergrowth:  
 descend rolling NW. slope, 260 ft. to

19.10

Wash, 30 lks. wide, 2 ft. deep, in large hollow, drains  
 SW. for 5 chs. thence N.80°W.; hollow forks 10 chs.  
 E. of line; also a dim road in hollow, bears westerly,  
 and southeasterly up right hand fork and crosses  
 divide of mountain.

Ascend rolling general SW. slope over series of small  
 spurs and draws putting SW., 235 ft. to

40.00

On steep S. slope,

Set an iron post, 3 ft. long, 1 in. dia., 14 ins. in  
 the ground to limestone bedrock, and supported by a  
 mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S13 | S18  
 1925

from which

A cedar, 4 ins. diam., bears N.40½°E., 30 lks.

dist., marked  $\frac{1}{4}$  S18 BT

A cedar, 8 ins. diam., bears N.65°W., 51 lks.

dist., marked  $\frac{1}{4}$  S13 BT

42.00

Spur, projects S.80°W.  $\frac{1}{4}$  mile dist., 50 ft. above  $\frac{1}{4}$  sec.  
 cor.

48.20

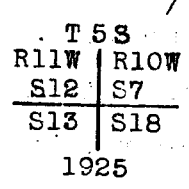
Draw, 110 ft. below spur, drains SW., and heads  $\frac{1}{4}$  mile  
 easterly; oil shale outcrop, 10 ft. deep, along N.

Chains

edge of draw, bears NE. and SW.  
Ascend steep S. slope, 270 ft. to  
62.25 Top of high spur, projects W. about  $\frac{1}{2}$  mile dist. from point from which, a red, rock knoll, bears S.  $30^{\circ}$  W., about  $1\frac{1}{2}$  miles dist.; lone black butte, bears S.  $33^{\circ}$  W., about 5 miles dist.; S. end of Wild Cat Mountain, bears N.  $83\frac{1}{2}^{\circ}$  W., about  $14\frac{1}{2}$  miles dist., and N. end of same, bears N.  $61\frac{1}{2}^{\circ}$  W.

71.85 Wash, 25 lks. wide, 6 ft. deep, in bottom of canyon, 2 chs. wide, 315 ft. below spur, drains W.; ascend steep S. slope, 260 ft. to

80.00 On steep S. slope,  
Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, with brass cap marked



Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, broken mountainous with a general westerly slope and drainage; broken by numerous spurs and draws putting W. approximately  $\frac{1}{2}$  mile dist. to desert. Soil, rocky of limestone and shale formation, with shallow sandy clay loam; 3rd and 4th rates. Timber, scattered scrub cedar and pinon. Undergrowth, medium shadscale and sagebrush.

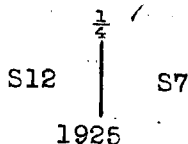
North, bet. secs. 7 and 12.. Over broken mountainous land facing W., through scattered scrub timber and short undergrowth; ascend steep S. slope.

2.00 Slope changes to SW.  
10.20 High spur, projects S.  $80^{\circ}$  W.  $\frac{1}{2}$  mile dist. at base of post.

Second Quarter 1910, West, through Tps. 5 South,  
 Range 10 and 11 West.

Chains

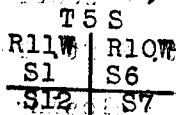
- 12.90 Deep draw, 95 ft. below spur, drains W., and heads NE.  
 15 chs. dist.; ascend steep S. and SW. slopes, 135 ft.  
 20.50 Spur, projects W. about  $\frac{1}{2}$  mile dist. to prominent rock  
 point on W. end; desc. steep N. and NW. slopes.  
 31.60 Draw, 140 ft. below spur, drains SW. for 8 chs. thence  
 W.; ascend steep, rocky SE. slope, 240 ft. to  
 40.00 On a rocky S. slope,  
 Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in  
 the ground to bedrock, and supported by a mound of  
 stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

- A cedar, 3 ins. diam., bears N.30°W., 55 lks.  
 dist., marked BT (scrubby)  
 A cedar, 7 ins. diam., bears N.50°E., 74 lks.  
 dist., marked BT (scrubby)

- 41.00 High spur, 15 ft. above  $\frac{1}{4}$  sec. cor., projects S.80°W.,  
 from N.50°E.  
 52.50 Head of draw, 160 ft. below spur, drains W.  
 60.20 High spur, 230 ft. above draw, projects W. about  $\frac{1}{2}$  mile;  
 descend abrupt N. and NW. slopes, 370 ft. to  
 71.20 Draw, near head, drains N.80°W.; ascend steep S. and  
 SW. slopes, 165 ft.  
 78.00 Spur, projects N.80°W. 30 chs. dist.; and bears E. 4 chs.  
 to high, rocky point; descend 50 ft. over NW. slope.  
 80.00 On steep NW. slope,  
 Set an iron post, 3 ft. long, 2 ins. dia., 20 ins. in  
 the ground to bedrock, and supported by a mound of  
 stone, for cor. of secs. 1, 6, 7 and 12, with brass  
 cap marked



1925

At base of post, deposit a limestone, 6x4x3 ins., marked  
 with a cross (X).



Second Slide Mountain West, between Ranges 10 and 11 West.

Chains

Trees within limits but too scrubby to mark. 00.51  
Land, rough and broken mountainous with general N. slope and drainage. 00.00  
Soil, rocky of shale and limestone formation, with shallow sandy clay loam; 3rd and 4th rates. 00.12  
Timber, scattered scrub cedar and pinon.  
Undergrowth, short shadscale and sagebrush. 00.04

North, bet. secs. 1 and 6.

Over rough mountainous land facing W. and NW., through scattered scrub timber and short undergrowth.

0.75 Head of draw, 20 ft. below cor., drains N.70°W.; gradually ascend along W. slope, 45 ft. to

5.20 Spur, slopes off to NW., and bears SE. 8 chs. dist. to high rocky point; descend general NW. slope over low spurs and draws, putting N.60°W. to a main hollow, 340 ft. to closing tp. cor.

29.54 Intersect S. bdy. sec. 31, T. 4 S., R. 10 W., East, 13.67 chs. dist. from the original corner of Tps. 4 and 5 S., Rs. 10 and 11 W., which is an iron post, 3 ins. dia., showing 16 ins. above ground, firmly set, properly marked and witnessed as described in notes of T. 4 S., R. 10 W. This cor. now refers to Tps. 4 S., Rs. 10 and 11 W. only, I change marks on post to read as follows:

T 4 S.	
R 11 W.	R 10 W.
S 36	S 31
T 5 S. R 11 W.	
S 1	

And change mound of stone to N. of cor. ✓

At my point of intersection,

Set an iron post, 3 ft. long, 3 ins. dia., 26 ins. in the ground, for closing corner of townships 5 south, ranges 10 and 11 west, with brass cap marked

from Second 4th Meridian West, through Twp. 5 South,  
from 10 and 11 West.

Section

Survey

1851

1851

1851

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1851

A cedar, 11 ins.diam., bears S.39°E., 215 lks.

dist.,marked T5S R10W S6 CC BT

A cedar, 10 ins.diam.,bears S.54°W., 55 lks.

dist.,marked T5S R11W S1 CC BT

This closing cor. is situated on a gentle N. slope,  
1½ chs. dist. S. of draw draining nearly W., and 120  
ft. above the old tp. cor.

Land, rough mountainous, broken by numerous spurs and  
draws putting W. to NW. about 2 mile distant to W.  
base of mountainous land.

Soil, rocky of limestone formation with shallow sandy  
and clay loams, on rocky subsoil: 3rd and 4th rates.

Timber, scattered scrub cedar and pinon.

Undergrowth, scattered to medium growth of short shad-  
scale, sagebrush and some greasewood.

#### General Description.

Through all of township 5 south and the north portion  
of township 6 south this line passes over mountainous  
land with a general westerly slope and drainage. The  
line follows along the west slope of the Cedar Range  
at approximately 1½ to 1¾ miles from the west  
base, bearing nearly north and S. Through the south  
portion of township 6 south the line runs over foot  
hills, nearly level desert, sand hills, and level  
alkali flat of the Great Salt Lake Desert. The land  
to the east is principally mountainous and to the  
west mainly desert.

of mountains.

# FIRST STANDARD PARALLEL CORNER

## Chains

The survey of the First Standard Parallel Section, ranges 11 to 15 west inclusive, commenced June 1st, 1925, and executed with Buff & Buff transit No. 1000. The instrument is in good adjustment, having been checked and found correct, in recent tests while engaged on surveys of this Group. It is impracticable to observe Polaris at beginning of line, therefore the azimuth is determined by solar observations.

I begin at the corner of townships 4 south, ranges 10 and 11 west, in approximate latitude  $40^{\circ}25'$  N., longitude  $113^{\circ}02'$  W., which is an iron post, 3 ins. dia., showing 16 ins. above ground, firmly set, properly marked and witnessed. This corner was originally marked for four townships, being changed by me this day to refer to the above described townships only, in the establishment of closing corner for Tps. 5 S., Rs. 10 and 11 W., on the 2nd Guide Mer. W., which bears East, 13.67 chs. dist.

Thence

West, on the tangent, S. of sec. 36.

Over rolling mountainous land facing generally W., through few scattered cedars and short undergrowth.

Ascend from cor., 20 ft. over NE. slope.

1.30 Low spur, projects  $N.70^{\circ}W.$ , from  $S.80^{\circ}E.$ ; gradually descend rolling W. slope, leaving all timber.

17.00 Stock trail, bears NE. and  $S.20^{\circ}W.$

25.70 Small branch ravine near head, drains NW. for 7 chs. to main wash.

30.50 Begin descent into main wash, bears NE. and SW.

37.50 Main wash in bottom of ravine, at mouth of canyon from  $N.60^{\circ}E.$ , 1 ch. wide, 4 ft. deep, 375 ft. below tp. cor., drains SW.

40.00 N.  $\frac{1}{4}$  lk. from the tangent.

Set an iron post, 3 ft. long, 1 in. dia., 28 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor. with brass cap marked

First Standard Parallel South Through Range 11 West.

Corners

SC  
S36

1925

Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

Cor. situated on a SE. slope, 20 ft. above wash.

The S. base of a dark colored mountain bears N. of line ¼ mile distant.

41.50 Top of ascent from wash, 25 ft. above cor., bears NE. and SW.; thence gradually descending a general SW. slope, over patches of slide-rock.

42.00 Point from which a black volcanic outcrop or knoll, about 30 ft. high and 2 chs. diam., bears S.37°W., about 50 chs. dist.

58.00 Enter S. edge of scattered cedar timber, extending N.

75.60 Dim sheep road, bears NW. and SE.

80.00 N. 1 lk. from tangent,

Set an iron post, 3 ft. long, 2 ins. dia., 4 ins. in the ground to solid bed-rock, and supported by a mound of stone, 4 ft. base, 2 ft. high, for standard cor. of secs. 35 and 36, with brass cap marked

S	SC
T4N	R11W
S3 5	S36

1925

from which

A cedar, 12 ins.diam., bears N.68½°E., 219 lks. dist., marked S35 BT (too scrubby)

A cedar, 8 ins.diam., bears N.59½°W., 112 lks. dist., marked S35 BT (too scrubby)

Cor. stands on top of rocky rise, 235 ft. below ¼ sec. cor.

A cement trough, 3 x12 ft., bears N.12½°W., about 4 chs. dist.; center of old pole corral, bears N.58½°W., about 5 chs.; and black volcanic outcrop, 30 ft. high, bears S.11½°E., about ½ mile distant.

Land, rolling mountainous with general W. exposure and drainage, lying on W. slope, near base of Cedar Range of mountains.

FIRST STANDARD PARALLEL ACUTE THROUGH

Chains

Soil, rocky and gravelly of volcanic and limestone formations; 3rd and 4th rates.

Timber, scattered cedars on portion of mile.

Undergrowth, medium growth of greasewood and shadscale.

Note: There has been a small spring or seep near the above mentioned trough but at present is not flowing.

S.  $89^{\circ}59'$  W. on tangent, S. of sec. 35.

Over rolling and low broken W. slope of mountain, facing SW., through few scattered cedars and dense undergrowth. Gradually descending over numerous small washes draining SW. to W.

11.40 Dim sheep road, bears NE. and SW.

27.60 Wash, 25 lks. wide, 4 ft. deep, drains SW.; leave timber, bears SE. and NE.

36.50 Top of low rise, slopes off SW.

40.00 N. 2 lks. from tangent,

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., with brass cap marked

SC  
 $\frac{1}{4}$  S35

1925

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

Corner stands on W. slope, 240 ft. below sec. cor.

77.30 Wash, 25 lks. wide, 3 ft. deep, drains N.  $85^{\circ}$  W. from S.  $85^{\circ}$  E.

78.00 Dim sheep road, bears N.  $70^{\circ}$  W. and SE.

80.00 N.  $3\frac{1}{2}$  lks. from tangent,

Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in the ground, for standard cor. of secs. 34 and 35, with brass cap marked

SC  
T4S R11W  
S34 S35

1925

Cor. 11

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of Cor.

Corner stands on a gentle W. slope, 40 lks. S. of a wash draining W., and 210 ft. below  $\frac{1}{4}$  sec. cor.

Land, rolling and low broken, general W. exposure and drainage.

Soil, rocky, gravelly and clay, on rock or clay subsoil; 3rd and 4th rates.

Undergrowth, dense greasewood, shadscale and yellow top. Timber, few scattered cedars on E. portion of mile.

June 15, 1925, at the above station, 4 lks. S. of the standard cor. of secs. 34 and 35; at 2h 4.1m a.m., 1.m.t., I observe Polaris at eastern elongation, making six observations, three each with the telescope in direct and reversed positions, and mark the mean point thus determined on a stake driven firmly in the ground, about 10 chs. N.

Azimuth of Polaris at eastern elongation =  $1^{\circ} 26.8'$ .

From the Polaris stake,  $N. 1^{\circ} 26.8' E.$ , I deflect an angle of  $88^{\circ} 31.5'$  towards the east to back sight along tangent, this checks the bearing of the tangent at this point to within  $0.2'$  of true bearing.

Thence

S.  $89^{\circ} 58' W.$  on tangent, S. of sec. 34.

Over gentle W. slope of desert land, through dense, short undergrowth.

- 5.00 Dim trace of old road, bears NW. and SE.
- 22.40 Wash, 50 lks. wide, 1 ft. deep, drains S.  $85^{\circ} W.$
- 28.80 Dim sheep road, bears N. and S.
- 40.00 N. 5 lks. from tangent,  
Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., with brass cap marked

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 34 WEST

Chains

SC  
 $\frac{1}{4}$  S34

1925

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor. ✓

Cor. stands on a slight W. slope, 120 ft. below sec. cor.  
N. 8 lks. from tangent,

80.00

Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in  
the ground, for standard cor. of secs. 33 and 34, with  
brass cap marked

SC  
T4S | R11W  
S33 | S34

1925

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,  
and N. of post, 7 ft. dist.; and raise a mound of  
earth, 4 ft. base, 2 ft. high, N. of cor. ✓

Corner stands at base of descent on level land, 90 ft.  
below  $\frac{1}{4}$  sec. cor.

Land, nearly level with gentle W. slope and drainage.

Soil, gravelly and sandy, lying on stony base; 2nd and  
3rd rate.

Undergrowth, short shadscale, white sage and greasewood.  
No timber.

S.  $89^{\circ}58'$  W. on tangent, S. of sec. 33.

Over level desert land, through dense, tall greasewood.

9.00

Enter low, rolling sand dunes covered with scattered  
tall greasewood, bears N. and S.

40.00

N.  $10\frac{1}{2}$  lks. from tangent,

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in  
the ground, for standard  $\frac{1}{4}$  sec. cor., with brass cap  
marked

SC  
 $\frac{1}{4}$  S33

1925

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 11 WEST.

Chains

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
N. of cor. Deposit a limestone, 12x7x2 ins., marked  
with a cross (X), at base of monument.

Corner stands in depression on clay soil among sand dunes.

Continue over high sand dunes, leaving all vegetation.

80.00 N. 14 lks. from tangent,

Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in  
the ground, for standard cor. of secs. 32 and 33, with  
brass cap marked

SC	
T4S	R11W
S32	S33

1925

Loose sand, no accessories to cor.; and no deposit was  
available.

Land, level on E. end, and high rolling sand dunes, 5 to  
25 ft. high on greater part of mile; these sand dunes  
lie in and along E. edge of the Great American Desert.  
Soil, loose, shifting white sand, and some clay on E.  
end of mile.

Undergrowth, greasewood on E. portion of mile.

S. 89°57' W. on tangent, S. of sec. 32.

Over high, rolling, barren white sand dunes.

40.00 N. 17½ lks. from tangent,

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in  
the ground, for standard ¼ sec. cor., with brass cap  
marked

SC
¼S32

1925

No accessories to cor., and no deposit available.

70.00 Enter few scattered greasewoods and small dunes, bears  
N. and SW.

80.00 N. 21½ lks. from tangent,



# FIRST STANDARD PARALLEL SOUTH THROUGH SAND DUNE

Station 0

Chains

Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in the ground, for standard cor. of secs. 31 and 32, with brass cap marked

SC	
T4S	R11W
S31	S32

1925

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

Corner stands on level ground at W. edge of sand dunes, bearing N. and S.

Land, rolling sand dunes lying in the Great American Desert.

Soil, loose, shifting white sand.

Undergrowth, few tall greasewoods on extreme W. end of mile, none on most of mile.

S. 89°56' W. on tangent, S. of sec. 31.

Over nearly level flat with small brush-covered hummocks; clay and sandy-clay soil.

40.00

N. 26½ lks. from tangent,

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for standard ¼ sec. cor., with brasscap marked

SC	
¼	S31

1925

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.

Corner stands at E. base of large sand dune or ridge, bearing NW. and SE.

Ascend over brush covered sand dune.

45.80

Top of sand dune, 35 ft. high, bears NW. and SE.; descend.

48.00

W. base of sand dune, enter alkali flat with small scattered hummocks and brush, bears NW. and SE.

80.00

N. 31 lks. from tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 12 WEST.

Chains

the ground, for standard corner of townships 4 south, ranges 11 and 12 west, marked

SCT4S on N.,  
R11WS31 on E., and  
R12WS36 on W. face, with 6 grooves  
on N., E. and W. faces.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument.

Land, level flat with small hummocks and sand dunes, lying on the Great American Desert.

Soil, sandy and clay mixed, and loose sand, lying on wet clay subsoil, saturated with mineral.

Undergrowth, scattered salt brush and greasewood.

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 12 WEST.

From the cor. of Ts. 4 S., Rs. 11 and 12 W.

West, on tangent, S. of sec. 36.

Over alkali flat with scattered small sand hummocks and scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SC $\frac{1}{4}$ S36 on N. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of monument.

Leave hummocks and nearly all brush.

68.00 Enter few hummocks and more brush, bears N. and S.

80.00 N. 1 lk. from tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 35 and 36, marked

SCT4SR12W on N.,  
S36 on E., and  
S35 on W. face, with 5 grooves on  
E. and 1 groove on W. face.

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 13 WEST.

Chains	
	<p>           Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,            and N. of post, 7 ft. dist.; and raise a mound of            earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a            quart of glass at base of monument. /         </p> <p>           Land, level alkali flat with few small sand hummocks.            Soil, wet clay and sandy-clay, saturated with mineral.            Undergrowth, very scattered salt brush.         </p> <hr/> <p>           S. 89°59' W. on tangent, S. of sec. 35.            Over level flat with few scattered hummocks and sand            rises, through few brush.         </p> <p>           3.60 E. edge of sand rise, 5 ft. high, bears N. and SW.            16.00 Leave sand rise, bears NW. and SE.            40.00 N. 2 lks. from tangent,            Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in            the ground, for standard <math>\frac{1}{4}</math> sec. cor., marked            SC<math>\frac{1}{4}</math>S35 on N. face.         </p> <p>           Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;            and raise a mound of earth, 3<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high,            N. of cor. Deposit a quart of charcoal at base of            monument. /         </p> <p>           80.00 N. 3<math>\frac{1}{2}</math> lks. from tangent,            Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in            the ground, for standard cor. of secs. 34 and 35, marked            SCT4SR12W on N.,            S35 on E., and            S34 on W face, with 4 grooves on            E. and 2 grooves on W. face.         </p> <p>           Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.;            and N. of post, 7 ft. dist.; and raise a mound of            earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a            quart of charcoal at base of monument. /         </p> <p>           Land, level alkali flat, with few hummocks and sand rises            on E. portion of mile.            Undergrowth, very scattered salt brush.         </p> <hr/>

1017 FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 12 WEST.

Chains

S. 89°58' W. on tangent, S. of sec. 34.

Over level alkali flat with few scattered brush.

8.00 Leave all vegetation, bears N. and S.

40.00 N. 5 lks. from tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SC4S34 on N. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of charcoal at base of monument.

80.00 N. 8 lks. from tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 33 and 34, marked

SCT4SR12W on N.,  
S34 on E., and  
S33 on W. face, with 3 grooves on  
E. and W. faces.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of charcoal at base of monument.

Land, level alkali flat.

Soil, wet clay and sandy-clay mixed, saturated with mineral.

Undergrowth, few scattered salt brush.

S. 89°58' W. on tangent, S. of sec. 33.

Over level alkali flat with no vegetation.

10.00 Enter few scattered brush, bears N. and S.

31.30 E. edge of sand ridges, bears N. and S.; thence over sandy ground.

40.00 N. 10 $\frac{1}{2}$  lks. from tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SC4S33 on N. face.

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 12 WEST.

Chains	
	<p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor. Deposit a quart of glass at base of monument. Corner stands in depression among sand ridges.</p>
57.50	Leave sand ridges, enter flat, bears NE. and SW.
70.00	Leave all vegetation.
80.00	<p>N. 14 lks. from tangent,</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 32 and 33, marked</p> <p style="text-align: right;">SCT4SR12W on N., S33 on E., and S32 on W. face, with 4 grooves on E. and 2 grooves on W. face.</p> <p>Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.; and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of charcoal at base of monument.</p> <p>Land. level flat, with scattered sand ridges on portion of mile.</p> <p>Soil, wet clay mixed with sand, and loose sand.</p> <p>Undergrowth, scattered salt brush and few greasewoods on portions of mile.</p>
	<hr/> <p>S. 89°57' W. on tangent, S. of sec. 32.</p> <p>Over level flat, void of vegetation.</p>
40.00	<p>N. 17½ lks. from tangent,</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard ¼ sec. cor., marked</p> <p style="text-align: right;">SC¼S32 on N. face.</p> <p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor. Deposit a quart of charcoal at base of monument.</p>
52.20	E. base of sand ridge, bears N. and S.
68.80	<p>W. base of sand ridge, bears N. and S.; continue over flat with few brush.</p>

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 12 WEST.

Chains

80.00 N.  $21\frac{1}{2}$  lks. from tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 31 and 32, marked

SCT4SR12W on N.,  
S32 on E., and  
S31 on W. face, with 5 grooves on  
E. and 1 groove on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument. ✓

Land, level flat, with few scattered sand ridges.

Soil, wet clay mixed with sand, and loose sand.

Undergrowth, scattered salt brush.

S.  $89^{\circ}56'$  W. on tangent, S. of sec. 31.

Over level alkali flat, through few scattered brush.

16.00 Leave all vegetation.

40.00 N.  $26\frac{1}{2}$  lks. from tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SC $\frac{1}{4}$ S31 on N. face, ✓

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of monument. ✓

64.00 Enter few scattered brush.

80.00 N. 31 lks. from tangent,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard corner of townships 4 south, ranges 12 and 13 west, marked

SCT4S on N.,  
R12WS31 on E., and  
R13WS36 on W. face, with 6 grooves  
on N., E. and W. faces.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 13 WEST.

Chains

earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument. /

Land, level alkali flat in Great American Desert.

Soil, wet clay mixed with some sand, saturated with mineral.

Undergrowth, few scattered salt brush.

Tabby peak in Cedar Range, bears N.  $77\frac{3}{4}^{\circ}$  E.

High point in Granite mountain, bears S.  $2^{\circ}9'$  W.

High point of Dutch mountain, bears S.  $66^{\circ}40'$  W.

S. end of Wig mountain, bears S.  $49\frac{1}{2}^{\circ}$  E.

NE. base of Wildcat mountain, bears N.  $16^{\circ}$  W.

S. end (top) of Wildcat mountain, bears N.  $88^{\circ}20'$  W.

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 13 WEST.

From point 4 lks. S. of standard cor. T<sub>4</sub> S., R<sub>s</sub> 12 and 13 W.

N.  $89^{\circ}58'$  W. on secant, S. of sec. 36.

Over level alkali flat with scattered brush.

40.00 N. 2 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SC4S36 on N. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of monument.

Leave all vegetation.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 35 and 36, marked

SC4SR13W on N.,

S36 on E., and

S35 on W. face, with 1 groove on E. and 5 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a

quart of glass at base of monument.

Land, level alkali flat.

Soil, wet clay mixed with some sand.

Undergrowth; few scattered salt brush.

N. 89°58' W. on secant, through sec. 35.

Over level flat, through few scattered brush.

32.00 Enter heavier brush, bears N. and SE.

40.00 S. 2 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SC $\frac{1}{4}$ S35 on N. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

N. of cor. Deposit a quart of glass at base of monument.

Corner stands at approximate W. edge of the alkali flat bearing N. and S.

Continue over level land lying along SE. base of Wildcat Mountain or Island, through dense short undergrowth.

60.00 Commence slight ascent over E. slope, entering gravelly and rocky soil, bears N. and SE.

75.00 Rocky knoll bears S. of line about 3 chs. distant.

80.00 S. 3 lks. from secant,

Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in the ground, for standard cor. of secs: 34 and 35, with brass cap marked

SC	
T4S	R13W
S34	S35

1925

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

Land, level alkali flat on E. portion; gently E. slope on W. portion.

Soil, wet clay, and gravelly and rocky.

Undergrowth, salt brush, shadscale and greasewood.



Chains	
	N. 89°59' W. on secant, through sec. 34, Over low broken and rocky land, lying at S. base of Wildcat Mountain, through short undergrowth.
3.00	Top of rocky point, 50 ft. above cor., slopes off to SE.
13.10	Base of depression on S. slope, 30 ft. below rocky point, drains S.
20.30	Top of small spur, 50 ft. high, projects S. 7 chs. dist. to end.
35.00	Depression on S. slope, drains S.
38.40	Low rocky spur, slopes S. 3 chs. to end, and bears N. about 8 chs. to S. end of Wildcat Mountain.
40.00	S. 3 lks. from secant, Set an iron post, 3 ft. long, 1 in. dia., 4 ins. in the ground to bedrock, and supported by a mound of stone, for standard $\frac{1}{4}$ sec. cor., with brass cap marked <div style="text-align: center;">SC <u><math>\frac{1}{4}</math> S34</u> 1925</div>
	Deposit a volcanic stone, 6x4x2 ins., marked with a cross (X) at base of monument.
	Descend 50 ft. to
42.50	Leave broken and rocky land, enter nearly level bench with sandy soil and dense brush, bears NW. and SE.
60.00	Enter low, rolling brush covered sand dunes, bears NW. and SE.
80.00	S. 4 lks. from secant, Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 33 and 34, marked <div style="text-align: center;">SCT4SR13W on N., S34 on E., and S33 on W. face, with 3 grooves on E. and W. faces.</div>
	Deposit a quart of glass at base of monument.
	Loose sand, accessories impracticable.
	E. 42 $\frac{1}{2}$ chs. line cross S. point of low, broken land, lying under S. base of Wildcat Mountain, and extends from 3 to 10 chs. to end; soil, rocky of volcanic

LINE STANDARD PARALLEL SOUTH THROUGH RANGE 13 WEST.

- formation; remainder of mile is nearly level bench, and low, rolling sand dunes, with gravelly and loose sandy soil.
- Undergrowth, scattered to dense shadscale and greasewood.
- 
- West on secant, through sec. 33.
- Over rolling sand dunes, covered with tall greasewoods.
- 17.00 Enter high sand dunes, and leave all vegetation, bears NW, and SE.
- 36.37 Summit of sand dunes, 75 ft. high, bears NW. and SE.; also point from which, a stone monument on a high point of Wildcat Mountain, bears N.40°31'E., approximately 1 5/8 miles distant; Twin Mipples, bears N.9°17'E., about 2 1/4 miles; and black volcanic knoll, bears N.64 1/2°W., about 7/8 miles distant.
- Thence over general W. exposure of barren dunes.
- 40.00 S. 3 lks. from secant,
- Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard 1/4 sec. cor., marked
- SC4S33 on N. face.
- Deposit a quart of glass at base of monument.
- Corner stands in depression among high dunes.
- 80.00 S. 3 lks. from secant,
- Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 32 and 33, marked
- SCT4SR13W on N.,  
S33 on E., and  
S32 on W. face, with 4 grooves on  
E. and 2 grooves on W. face.
- Deposit a quart of glass at base of monument.
- Corner stands on top of low sand dune..
- Land, rolling sand dunes.
- Soil, loose, shifting white sand.
- Undergrowth, few scattered greasewoods on E. end mile.
-

FIRST STANDARD PARALLEL SOUTH TRVERSE

Chains

S. 89°59' W. on secant, through sec. 32.

Over low rolling sand dunes, entering scattered grass-  
woods.

22.00 A volcanic knoll, bears about North, 32 chs. dist.

40.00 S. 2 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the  
ground, for standard  $\frac{1}{4}$  sec. cor., marked

SC $\frac{1}{4}$ S32 on N. face.

Deposit a quart of glass at base of monument.

56.00 Leave dunes, enter hammocks, bears N. and S.

75.00 Enter flat, sandy-clay soil, with few scattered brush.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard cor. of secs. 31 and 32,  
marked

SCT4SR13W on N.,  
S32 on E., and  
S31 on W. face, with 5 grooves on  
E. and 1 groove on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,  
and N. 7 ft. dist.; and raise a mound of earth,  
4 ft. base, 2 ft. high, N. of cor.

Deposit a quart of glass at base of monument.

A stone monument, bears N.64°33'E., about 2  $\frac{7}{8}$  miles.

Twin Nipples, bears N.41°6'E., about 2  $\frac{5}{8}$  miles

S. end of volcanic knoll, bears N.62°E., about 65 chs.

High rocky point on SW. slope of Wildcat Mountain, bears  
N.17 $\frac{3}{4}$ °E., about 2 miles distant.

Land, rolling sand dunes and hammocks.

Soil, loose, shifting white sand, with some clay on W.  
end mile.

Undergrowth, scattered greasewood and salt brush on W.  
portion.

S. 89°58' W. on secant, S. of sec. 31.

Over flat with few scattered brush, surface slightly  
uneven.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked  
SCT4S on N. face.  
Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor. Deposit a quart of glass at base of monument.

45.00 Leave all vegetation.

80.00 N. 4 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard corner of townships 4 south, ranges 13 and 14 west, marked

SCT4S on N.,  
R13WS31 on E., and  
R14WS36 on W. face, with 6 grooves  
on N., E. and W. faces.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument.

Nipples on W. slope of Wildcat Mountain, bear N. 53° 8' E., approximately 3 $\frac{1}{2}$  miles distant.

High point of island NW. of Wildcat Mountain, bears N. 11° 47' E., approximately 7 miles distant.

S. end (top) of Wildcat Mountain, bears N. 88 $\frac{1}{4}$ ° E., approximately 3 $\frac{1}{2}$  miles distant.

July 15th: At the above township corner in latitude 40° 25' N., longitude 113° 22' W., with the telescope in the meridian and elevated to the sun's altitude, I observe the sun's transit for time, noting the watch time of transit of each limb:

Mean watch time of apparent noon = 12h34m32s

Watch fast of local mean time = 28m48s

July 16th: At a point 4 lks. S. of the above township corner, at 0h 32.6m a.m., watch time, I observe Polaris

## Chains

at eastern elongation, making four observations, one each with the telescope in direct and reversed position and mark the mean point in the line thus determined by a lath driven firmly in the ground  $\frac{1}{2}$  mile N.

Azimuth of Polaris at eastern elongation =  $1^{\circ} 26' 51''$ .

I deflect an angle of  $88^{\circ} 31'$  towards the east to back sight along my secant line in range 13 west, this checks the theoretical bearing of secant.

I deflect an angle of  $91^{\circ} 24.6'$  towards the west, from my Polaris stake; thence

N.  $89^{\circ} 58'$  W. on secant, S. of sec. 36.

Over level alkali flat, surface slightly uneven, through few scattered salt brush.

40.00 N. 2 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SCT4SR14W on N. face.

Dig pits,  $18 \times 18 \times 12$  ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 35 and 36, marked

SCT4SR14W on N.,  
S36 on E., and  
S35 on W. face, with 1 groove on  
E. and 5 grooves on W. face.

Dig pits,  $18 \times 18 \times 12$  ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat, undulating surface.

Soil, wet sandy-clay mixed, lying on clay subsoil.

Undergrowth, few scattered salt brush.

N.  $89^{\circ} 58'$  W. on secant, through sec. 35.

Over level alkali flat, void of vegetation.

24.00 Enter few scattered brush.

40.00 S. 2 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SC4S35 on N. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of monument.

80.00 S. 3 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 34 and 35, marked

SCT4SR14W on N.,  
S35 on E., and  
S34 on W. face, with 2 grooves on  
E. and 4 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat, undulating surface.

Soil, wet sandy-clay mixed, saturated with mineral.

Undergrowth, few scattered salt brush.

N. 89°59' W. on secant, through sec. 34.

Over level alkali flat with few scattered brush.

40.00 S. 3 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SC4S34 on N. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of monument.

80.00 S. 4 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 14 WEST.

Chains

the ground, for standard cor. of secs. 33 and 34,  
marked

SCT4SR14W on N.,  
S34 on E., and  
S33 on W. face, with 3 grooves on  
E. and W. faces.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,  
and N. of post, 7 ft. dist.; and raise a mound of  
earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a  
quart of glass at base of monument.

Land, level alkali flat, undulating surface.

Soil, wet sandy-clay, saturated with mineral.

Undergrowth, few scattered salt brush.

West on secant, through sec. 33.

Over level alkali flat, through few scattered brush.

40.00 S. 3 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SC $\frac{1}{4}$ S33 on N. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor. Deposit a quart of glass at base of monument.

80.00 S. 3 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard cor. of secs. 32 and 33,  
marked

SCT4SR14W on N.,  
S33 on E. and  
S32 on W. face, with 4 grooves on  
E. and 2 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,  
and N. of post, 7 ft. dist.; and raise a mound of  
earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a  
quart of glass at base of monument.

Land, level alkali flat.

Soil, wet sandy-clay, on white clay subsoil.

Undergrowth, few scattered salt brush.

WEST STANDARD PARALLEL SOUTH THROUGH RANGE 14 WEST.

Chains

S. 89°59' W. on secant, through sec. 32.

Over level alkali flat through few scattered brush.

S. 2 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SCT4S32 on N. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3  $\frac{1}{2}$  ft. base, 1  $\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of monument.

Leave alkali flat, enter low rolling sand hills or ridges covered with medium undergrowth, bears NE. for about  $\frac{1}{2}$  mile thence N. to NW., and SW.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 31 and 32, marked

SCT4SR14W on N.,  
S32 on E., and  
S31 on W. face, with 5 grooves on  
E. and 1 groove on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument.

E. 61 chs. is level alkali flat with a few scattered salt brush; soil, wet white clay, mixed with some sand: W. 19 chs. is low rolling sand hills or ridges, from 20 to 30 ft. high, covered with medium growth of tall greasewoods and shadscale brush; soil, is a firm sand, mixed with some clay, the soil in depressions is heavy, wet clay.

S. 89°58' W. on secant, S. of sec. 31.

Over low rolling sand hills through medium undergrowth.

N. 2 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SCT4S31 on N. face.



FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 14 WEST.

Chains	
	<p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor. Deposit a quart of glass at base of monument.</p>
50.90	Ridge, bears N. and S.
80.00	<p>N. 4 lks. from secant,</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard corner of townships 4 south, ranges 14 and 15 west, marked</p> <p style="text-align: right;">SCT4S on N., R14WS31 on E., and R15WS36 on W. face, with 6 grooves on N., E. and W. faces.</p> <p>Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 3 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument.</p> <p>Land, low, rolling hills or ridges, 20 to 50 ft. high. Soil, hard-packed and firm sand, mixed with some clay. Undergrowth, scattered to medium growth of greasewoods and shadscale. Corner stands in depression.</p>

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 15 WEST.

	<p>I deflect an angle of 4½' to the N.; thence N. 89°58' W. on secant, S. of sec. 36.</p> <p>Over low, rolling sand hills through medium undergrowth.</p>
40.00	<p>N. 2 lks. from secant,</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard ¼ sec. cor., marked</p> <p style="text-align: right;">SC¼S36 on N. face.</p>
	<p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor. Depsoit a quart of glass at base of monument.</p>
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 35 and 36, marked</p> <p style="text-align: right;">SCT4SR15W on N., S36 on E., and S35 on W. face, with 1 groove on E. and 5 grooves on W. face.</p>

Main

val 0 Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument.

Land, low, rolling sand hills or ridges, 20 to 50 ft. high.

Soil, hard-packed, firm sand, mixed with some clay; wet clay in depressions.

Undergrowth, scattered to medium greasewoods and salt brush.

N. 89°58' W. on secant, through sec. 35.

Over low, rolling sand hills or ridges, through scattered brush.

40.00 S. 2 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SC $\frac{1}{4}$ S35 on N. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of monument.

Corner stands on low ridge, bears N. and S.

48.00 Enter clay basin or flat, extending N. and S.

67.00 Leave flat, bears N. and S.

80.00 S. 3 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 34 and 35, marked

SCT4SR15W on N.,  
S35 on E., and  
S34 on W. face, with 2 grooves on  
E. and 4 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument.

Land, low, rolling sand hills or ridges, 20 to 50 ft. high.

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 12

Chains

Soil, hard-packed and firm sand, mixed with sand clay.  
Undergrowth, greasewood, shadscale and salt brush.  
Corner stands on top of ridge, bears N.20°W. + S.20°E.

N. 89°59' W. on secant, through sec. 34.

Over sand hills, W. exposure, through scattered brush.

12.70 Leave sand hills, enter alkali flat with few scattered  
brush, bears NW. and SE.

40.00 S. 3 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SC $\frac{1}{4}$ S34 on N. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

N. of cor. Deposit a quart of glass at base of monument.

80.00 S. 4 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard cor. of secs. 33 and 34, marked

SCT4SR15W on N.,  
S34 on E., and  
S33 on W. face, with 3 grooves on  
E. and W. faces.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,  
and N. of post, 7 ft. dist.; and raise a mound of  
earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a  
quart of glass at base of monument.

Land, rolling sand hills on E. portion, and level alkali  
flat on W. portion of mile.

Soil, firm sand on hills, and wet clay, mixed with some  
sand on flat.

Undergrowth, scattered salt brush and greasewood.

West, on secant, through sec. 33.

Over level alkali flat, through few scattered brush.

40.00 S. 3 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard  $\frac{1}{4}$  sec. cor., marked

THIRD STANDARD PARALLEL SOUTH THROUGH RANGE 15 WEST.

Chains

SC $\frac{1}{2}$ S33 on N. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor. Deposit a quart of glass at base of monument.

80.00 S. 3 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard cor. of secs. 32 and 33,  
marked

SCT4SR15W on N.,  
S33 on E., and  
S32 on W. face, with 4 grooves on  
E. and 2 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,  
and N. of post, 7 ft. dist.; and raise a mound of  
earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a  
quart of glass at base of monument.

Land, level alkali flat.

Soil, wet clay.

Undergrowth, scattered salt brush.

S. 89°59' W. on secant, through sec. 32.

Over level alkali flat, through scattered brush.

40.00 S. 2 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SC $\frac{1}{4}$ S32 on N. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard cor. of secs. 31 and 32,  
marked

SCT4SR15W on N.,  
S32 on E., and  
S31 on W. face, with 5 grooves on  
E. and 1 groove on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,  
and N. of post, 7 ft. dist.; and raise a mound of

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 15 WEST.

Chains

anlbad

earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil, light colored clay, saturated with mineral.

Undergrowth, scattered salt brush.

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S. 89°58' W. on secant, S. of sec. 31.

Over level alkali flat, through scattered brush.

40.00 N. 2 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SCT4S31 on N. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

N. of cor. Deposit a quart of glass at base of monument.

88.87 N.  $4\frac{1}{2}$  lks. from secant,

Intersect N. and S. line, at a point, South, 53.24 chs. dist. from the S.C. of T. 4 S., R. 16 W.; at point of intersection,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard corner of township 4 south, range 15 west, only, marked

SCT4S on N.,  
R15WS31 on E.,  
T5SS1 on S., and  
R16WS1 on W. face, with 6 grooves  
on N. and E. faces.

Dig pits, 18x18x12 ins., N. and E. of post, 3 ft. dist;

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

NE. of cor.

Land, level alkali flat.

Soil, wet clay, saturated with mineral.

Undergrowth, few scattered salt brush.

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THESE ARE AUXILIARY STANDARD PARALLEL SOUTH THROUGH RANGE 17 WEST.

Chains

Begin at the corner of townships 4 and 5 south, ranges 17 and 18 west, in approximate latitude  $40^{\circ}25'$  N., longitude  $113^{\circ}50'$  W., which is a granite stone, showing  $8 \times 7 \times 6$  ins., above ground, firmly set, no marks remaining on stone, witnessed by faint traces of pits, N., E., W. and S.; and trace of mound of earth S. of stone.

Thence, from point 4 lks. S. of above tp. cor.

N.  $89^{\circ}58'$  E. on secant, S. of sec. 31.

Over level alkali flat, void of vegetation.

40.00 N. 2 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SCT4S31 on N. face.

Dig pits,  $18 \times 18 \times 12$  ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 31 and 32, marked

SCT4SR17W on N.,  
S32 on E., and  
S31 on W., face, with 5 grooves on  
E. and 1 groove on W. face.

Dig pits,  $18 \times 18 \times 12$  ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat. Thin crust of salt on surface of portions of mile.

Soil, wet, sticky, dark clay, saturated with mineral.

No vegetation.

N.  $89^{\circ}58'$  E. on secant, through sec. 32.

Over level alkali flat, void of vegetation.

40.00 S. 2 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

FIRST AUXILIARY STANDARD PARALLEL SOUTH THROUGH RANGE 24

Chains

cont'd

in the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SC $\frac{1}{4}$ S32 on N. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

N. of cor. Deposit a quart of glass at base of monument.

80.00 S. 3 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground, for standard cor. of secs. 32 and 33,

marked

SCT4SR17W on N.,

S33 on E., and

S32 on W. face, with 4 grooves on E. and 2 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,

and N. of post, 7 ft. dist.; and raise a mound of

earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a

quart of glass at base of monument.

Land, level alkali ~~flatter~~ Thin crust of salt on surface.

Soil, wet, sticky dark clay, saturated with mineral.

No vegetation.

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N. 89°59' E. on secant, through sec. 33.

Over level alkali flat, void of vegetation.

40.00 S. 3 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SC $\frac{1}{4}$ S33 on N. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

N. of cor. Deposit a quart of glass at base of monument.

80.00 S. 4 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground, for standard cor. of secs. 33 and 34,

marked

SCT4SR17W on N.,

S34 on E., and

S33 on W. face, with 3 grooves on E. and 3 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil, wet, sticky, dark clay, saturated with mineral.

No vegetation.

East on secant, through sec. 34.

Over level alkali flat, void of vegetation.

40.00 S. 3 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SCT4S34 on N. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of monument.

80.00 S. 3 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 34 and 35, marked

SCT4SR17W on N.,  
S35 on E., and  
S34 on W. face, with 2 grooves on E. and 4 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil, wet, sticky clay, saturated with mineral.

No vegetation.

S. 89°59' E. on secant, through sec. 35.

Over level alkali flat, void of vegetation.



40.00

S. 2 lks. from sacant.

Set a fir post, 3 ft. long, 4 ins. square, in the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SC1S35 on N. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high.

N. of cor. Deposit a quart of glass at base of monument

80.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 35 and 36, marked

SCT4SR17W on N.,  
S36 on E., and  
S35 on W. face, with 1 groove on  
E. and 5 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil, wet, sticky clay, saturated with mineral.

No vegetation.

S.  $89^{\circ}58'$  E. on secant, S. of sec. 36.

Over level land, no vegetation.

40.00

N. 2 lks. from secant.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SC $\frac{1}{4}$ S36 on N. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,

N. of cor. Deposit a quart of glass at base of monument

80.00

N. 4 lks. from secant.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard corner of townships 4 south, ranges 16 and 17 west, marked

SECRET ON H-111-10001-0000

STANDARD PARALLEL SOUTH THROUGH RANGE 16 WEST.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil, wet, sticky, dark clay, saturated with mineral.

No vegetation.

Note: Brine was encountered from 1 to 2 ft. under surface of ground along the standard in range 17 west.

FIRST AUXILIARY STANDARD PARALLEL SOUTH THROUGH RANGE 16 WEST.

From point 4 lks. S. of the above tp. cor.

N.  $89^{\circ}58'$  E. on secant, S. of sec. 31.

Over level alkali flat, void of vegetation.

40.00 N. 2 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SC $\frac{1}{4}$ S31 on N. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 31 and 32, marked

SCT4SR16W on N.,  
S32 on E., and  
S31 on W. face, with 5 grooves on  
E. and 1 groove on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, heavy, wet, sticky clay, saturated with mineral.

No vegetation.

FIELD AUXILIARY STANDARD PARALLEL SURVEY

Chains	
	<p>N. 89°58' E. on secant, through sec. 32:</p> <p>Over level alkali flat, void of vegetation.</p>
40.00	<p>S. 2 lks. from secant,</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard <math>\frac{1}{4}</math> sec. cor., marked</p> <p style="text-align: center;">SC<math>\frac{1}{4}</math>S32 on N. face.</p> <p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high, N. of cor. Deposit a quart of glass at base of monument.</p>
80.00	<p>S. 3 lks. from secant,</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 32 and 33, marked</p> <p style="text-align: center;">SCT4SR16W on N., S33 on E., and S32 on W. face, with 4 grooves on E. and 2 grooves on W. face.</p> <p>Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft. and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument.</p> <p>Land, level alkali flat.</p> <p>Soil, heavy, wet, sticky clay.</p> <p>No vegetation.</p>
40.00	<p>N. 89°59' E. on secant, through sec. 33.</p> <p>Over level alkali flat, no vegetation.</p> <p>S. 3 lks. from secant,</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard <math>\frac{1}{4}</math> sec. cor., marked</p> <p style="text-align: center;">SC<math>\frac{1}{4}</math>S33 on N. face.</p> <p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high, N. of cor. Deposit a quart of glass at base of monument.</p>
80.00	<p>S. 4 lks. from secant,</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in</p>

the ground, for standard cor. of secs. 33 and 34,  
marked

SCT4SR16W on N.,  
S34 on E., and  
S35 on W. face, with 3 grooves on  
E. and W. faces.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,  
and N. of post, 7 ft. dist.; and raise a mound of  
earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a  
quart of glass at base of monument.

Land, level alkali flat.

Soil, heavy, wet clay, saturated with mineral.

No vegetation.

East on secant, through sec. 34.

Over level alkali flat, void of vegetation.

40.00 S. 3 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard  $\frac{1}{4}$  sec. cor., marked

SCT4SR16W on N. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor. Deposit a quart of glass at base of monument.

80.00 S. 3 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for standard cor. of secs. 34 and 35,  
marked

SCT4SR16W on N.,  
S35 on E., and  
S34 on W. face, with 2 grooves on  
E., and 4 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.;  
and N. of post, 7 ft. dist.; and raise a mound of  
earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a  
quart of glass at base of monument.

Land, level alkali flat.

Soil, heavy, wet, dark clay, saturated with mineral.

No vegetation.

FIRST AUXILIARY STANDARD PARALLEL SOUTH THROUGH BAYON 3217

Chains	
40.00	<p>S. 89°59' E. on secant, through sec. 35.  Over level alkali flat, void of vegetation.  S. 2 lks. from secant,  Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  the ground, for standard <math>\frac{1}{4}</math> sec. cor., marked  SCT4SR16W on N. face.  Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  and raise a mound of earth, 3<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high,  N. of cor. Deposit a quart of glass at base of monument.</p>
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  the ground, for standard cor. of secs. 35 and 36,  marked  SCT4SR16W on N.,  S36 on E., and  S35 on W. face, with 1 groove on  E. and 5 grooves on W. face.  Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,  and N. of post, 7 ft. dist.; and raise a mound of  earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a  quart of glass at base of monument.  Land, level alkali flat.  Soil, wet, sticky clay, saturated with mineral.  No vegetation.</p>
40.00	<p>S. 89°58' E. on secant, S. of sec. 36.  Over level alkali flat, void of vegetation.  N. 2 lks. from secant,  Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  the ground, for standard <math>\frac{1}{4}</math> sec. cor., marked  SCT4SR16W on N. face.  Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  and raise a mound of earth, 3<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high,  N. of cor. Deposit a quart of glass at base of monument.</p>
60.00	<p>Enter few scattered salt brush, bears N. and S.</p>
80.00	<p>N. 4 lks. from secant,  Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the</p>

STANDARD PARALLEL SOUTH THROUGH RANGE 16 WEST.

ground for standard corner of township 4 south,  
range 16 west, only, marked

SCT4SR16WS36 on NW.,  
S31 on NE.,  
T4SR15WS31 on SE., and  
T5SR16WS1 on SW. face; with 6  
notches on N. and W. edges.

Dis. pits, 18x18x12 ins., N. and W. of post, 3 ft. dist.  
of base, and raise mound of earth, 3½ ft. base, 1½ ft. high,  
NW. of cor. Deposit a quart of glass at base of  
monument.

Land, level alkali flat on Great Salt Lake Desert.

Soil, wet, seamed, light colored clay, saturated with  
mineral.

Undergrowth, few scattered salt brush on E. portion  
of mile.

Note: Brine stands at from 1½ to 3 ft. under surface  
of ground along line through range 16 west.

The standard parallel makes an offset from this corner  
to the South a distance of 53.24 chs. to the SW. cor.  
of T. 4 S., R. 15 W.

#### GENERAL DESCRIPTION.

With the exception of east portion of range 11, the  
standard parallel through ranges 11 to 17 inclusive  
passes over desert lands on the Great Salt Lake or  
American Desert, consisting of barren alkali flats,  
low sand rises or hills, and sand dunes. The line in  
east portion of range 11 is on the west slope of  
Cedar Range of mountains. The lands to the north and  
south of this line is mainly level desert, except in  
T. 4 S., R. 13 W. in which Wild Cat Mountain is located:

It is a desert island about 5 miles in length, N. and  
S. and from 3 to 4 miles in width, E. and W.

## Chains

July 10, 1925, at the corner of Township 6 S., Range 13 and 14 west, in approximately latitude 40° 15' N., longitude 105° 22' W.; at 0h 27.3m a.m., l.m.t., I observe Polaris at eastern elongation, making six observations, three each with the telescope in direct and reversed positions, reading the deflection angle from a lath driven in the ground,  $\frac{1}{4}$  mile N., east to Polaris:

Azimuth of Polaris at eastern elongation =  $1^{\circ}27.3'$

Mean deflection angle =  $1^{\circ}29.5'$

True bearing of lath =  $N.0^{\circ}02.2'W.$

The cor. of Tps. 6 and 7 S., Rs. 13 and 14 W., is an iron post, 3 ins. dia., showing 10 ins. above ground, firmly set, properly marked, and witnessed by 4 pits as described in notes of survey of T. 7 S., R. 13 W.

Thence

North on the 3rd guide meridian west, bet. secs. 31 and 36.

Over level alkali flat through few scattered salt brush.

24.00 S. edge of low sandy rise, 3 ft. high, bears E. and W.

32.00 N. edge of same.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S36 on W., and  
S31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Deposit a quart of glass at base of post.

Continue over flat with slightly uneven surface.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, marked

T6S S30 on NE.

R13W S31 on SE.

R14W S25 on NW. and

S36 on SW. face, with 1 notch on S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist., 4 ins. square, 26 ins. in the

Chains

.33 and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit a quart of glass at base of post.  
Land, level alkali desert on Great Salt Lake Desert.  
Soil, wet, sandy clay saturated with mineral.  
Undergrowth, few scattered salt brush, 1 ft. high.

---

North, bet. secs. 25 and 30.

Over level alkali flat with few small hummocks and  
sandy rises, through scattered salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S25 on W., and  
S30 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor. Deposit a quart of glass at base of post.

50.00 Enter more brush.

80.00 Set a fir post, 3 ft. long, 4 ins., sq., 26 ins. in the  
ground, for cor. of secs. 19, 24, 25 and 30, marked

T6SS19 on NE.,  
R13WS30 on SE.,  
S25 on SW., and  
R14WS24 on NW. face; with 2 notches  
on S. and 4 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit a quart of glass at base of post.  
Land, level alkali flat with few small hummocks and  
sandy rises.

Soil, wet sandy clay.

Undergrowth, scattered salt brush on the hummocks and  
rises.

---

North, bet. secs. 19 and 24.

Over level alkali flat, surface slightly uneven, through  
scattered brush.



Third Guide Mountain West, through the  
between ranges in central West.

Chains		Saline
8.00	S. edge of sandy rise, 3 ft. high, bears NW. and SE.	
14.00	N. edge of same, bears NW. and SE.	18'
22.00	Enter fewer brush, and leave all hummocks.	
40.00	Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S24 on W., and S19 on E. face. Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of post.	
80.00	Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, marked T6S S18 on NE., R13W S19 on SE., S24 on SW., and R14W S13 on NW. face; with 3 notches on N. and S. edges. Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post. Land, level alkali flat, with few low sand rises and small hummocks on S. portion. Soil, damp to wet sandy clay. Undergrowth, scattered salt brush.	
	North, bet. secs. 13, and 18. Over alkali flat through few scattered brush.	
40.00	Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S13 on W., and S18 on E. face. Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of post.	
80.00	Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, marked T6S S7 on NE., R13W S18 on SE., S13 on SW., and	

line side Meridian West, through Tps. 6 South,  
between Ranges 13 and 14 West.

R14W S12 on NW. face: with 4  
notches on S. and 2 notches on N.  
edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Land, level alkali flat; surface slightly uneven.

Soil, wet sandy clay.

Undergrowth, few salt brush.

---

North, bet. secs. 7 and 12.

Over level flat with few scattered hummocks and brush.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S12 on W., and  
S7 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for cor. of secs. 1, 6, 7 and 12, marked

T6S S6 on NE.,  
R13W S7 on SE.,  
S12 on SW. and  
R14W S1 on NW. face: with 5 notches  
on S. and 1 notch on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Land, level alkali flat; surface slightly uneven with  
small hummocks.

Soil, wet sandy clay.

Undergrowth, few salt brush.

---

North, bet. secs. 1 and 6.

Over level flat with few brush.

16.00 Leave all vegetation.

to seed is again to jump a distance.

Third Guide Meridian West, through Tps. 5 South,  
between Ranges 13 and 14 West.

Chains

40.00

Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S1 on W., and

$\frac{1}{4}$  S6 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 5 ft. dist.

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

W. of cor. Deposit a quart of glass at base of post.

Note: Brine stands at 2 ft. below surface of ground.

48.00

Enter extremely wet ground, bears E. and W.

62.00

Leave wet ground, enter scattered brush, bears E. and W.

80.00

Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for corner of townships 5 and 6 south, ranges 13 and 14 west, marked

T5S S31 on NE.,

R13W S6 on SE.,

T6S S1 on SW., and

R14W S36 on NW. face; with 6 notches on the 4 edges.

Dig pits, 18x18x12 ins., on each line, 5 $\frac{1}{2}$  ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,

S. of cor. Deposit a quart of glass at base of post.

Land, level alkali flat, on the Great Salt Lake Desert.

Soil, wet, sticky sandy clay, saturated with mineral.

Undergrowth, scattered salt brush on portions of mile.

Third Guide Meridian West, through Tps. 5 South,  
between Ranges 13 and 14 West.

From the cor. of Tps. 5 and 6 S., Rs. 13 and 14 W.

North, bet. secs. 31 and 36.

Over level alkali flat, through few scattered hummocks and brush.

40.00

Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S35 on W., and

S31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

W. of cor. Deposit a quart of glass at base of post.

Station

31.370

32.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 25, 30, 31, and 36, marked

T5S S30 on NE.,  
R13W S31 on SE.,  
S36 on SW., and

33.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 25, 30, 31, and 36, marked

Dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist.:

34.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 25, 30, 31, and 36, marked

W. of cor. Deposit a quart of glass at base of post.

35.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 25, 30, 31, and 36, marked

Land, level alkali flat with few scattered hummocks.

36.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 25, 30, 31, and 36, marked

Soil, wet, sticky clay, and sandy clay.

37.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 25, 30, 31, and 36, marked

Undergrowth, scattered salt brush.

38.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 25, 30, 31, and 36, marked

39.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 25, 30, 31, and 36, marked

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 25, 30, 31, and 36, marked

Over level flat with scattered, low hummocks and brush.

41.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 25, 30, 31, and 36, marked

1/2 S25 on W., and  
S30 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:

and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked

T5S S19 on NE.,  
R13W S30 on SE.,  
S25 on SW., and

R14W S24 on NW. face; with 2 notches on S. and 4 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist.:

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Land, level alkali flat, with low, scattered hummocks.

Soil, wet, sticky clay.

Undergrowth, few scattered salt brush, 1 ft. high.

North, bet. secs. 19 and 24:

Over level flat with low hummocks and brush.

Chains

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S24 on W., and  
S19 on E. face.

Dig pits, 18x18x12 ins., W. and S. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, marked

T5S S18 on NE.,  
R13W S19 on SE.,  
S24 on SW., and  
R14W S13 on NW. face; with 3 notches on N. and S. edges.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post.

Land, level alkali flat; few low hummocks on S. portion.

Soil, wet, sticky clay.

Undergrowth, few salt brush.

North, bet. secs. 13 and 18.

Over level flat with few brush.

39.00 S. edge of low sandy clay rise.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S13 on W., and  
S18 on E. face.

Dig pits, 18x18x12 ins., E. and S. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Deposit a quart of glass at base of post.

47.00 Top of sandy rise, bears NW. and SE.

56.00 N. edge of same; continue over flat with few hummocks.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, marked

T5S S7 on NE.,  
R13W S18 on SE.,  
S13 on SW., and  
R14W S12 on NW. face; with 3 notches on S. and N. edges.

Third-Grade Meridian West, through Tps. 5 South,  
between Ranges 13 and 14 West.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.:

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Land, level alkali with few low scattered hummocks and  
sandy rises, few ft. high.

Soil, wet clay, and sandy clay.

Undergrowth, scattered salt brush.

---

North, bet. secs. 7 and 12.

Over level flat with few brush.

5.00 Leave all vegetation: surface becomes choppy or uneven.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for ¼ sec. cor., marked

½ S12 on W., and  
S7 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:

and raise a mound of earth, 3½ ft. base, 1½ ft. high,

W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for cor. of secs. 1, 6, 7 and 12, marked

T5S S6 on NE.,  
R13W S7 on SE.,  
S12 on SW., and  
R14W S1 on NW. face: with 5 notches  
on S. and 1 notch on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.:

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Land, level flat: surface uneven.

Soil, damp to wet sandy clay.

Undergrowth, few salt brush on S. end.

---

North, bet. secs. 1 and 6.

Over level land, void of vegetation.

40.00 Point for ¼ sec. cor. No cor. set as the accessories are  
in conflict with the closing cor.

40.06 Intersect the 1st standard parallel south, at East,

Third Guide Meridian West, through Tps. 4 South,  
between Ranges 13 and 14 West.

Chains

13.36 chs. dist. from the standard cor. of Rs. 13 and 14 W., hereinbefore described; at point of intersection,

Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for closing corner of townships 5 south, ranges 13 and 14 west, marked

CC T5S on S.,  
R13W S6 on E., and  
R14W S1 on W. face; with 6 grooves  
on E., W. and S. faces.

Dig pits, 18x18x12 ins., E. and W., 3 ft., and S. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor.

Land, level alkali flat on the Great Salt Lake Desert.

Soil, wet, sticky sandy clay, saturated with mineral and with slight salt crust on surface.

No vegetation.

Third Guide Meridian West, through Tps. 4 South,  
between Ranges 13 and 14 West.

From the standard corner of Tps. 4 S., Rs. 13 and 14 W., heretofore described on page 65.

Note: See page 65 for Polaris observation at the above cor., July 16th.

North, bet. secs. 31 and 36.

Over level alkali flat, through very few salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S36 on W., and  
S31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, marked

80.00

Third Guide Meridian East, through Tps. 4 South,  
 between Ranges 13 and 14 West.

erise: 11/20/1911  
 Juada: 11/20/1911  
 T4S S30 on NE.,  
 R13W S31 on SE.,  
 S36 on SW., and  
 R14W S25 on NW. face; with 1 notch  
 on S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.:  
 and raise a mound of earth, 4 ft. base, 2 ft. high,  
 W. of cor. Deposit a quart of glass at base of post.

A stone monument on top of Wildcat Mountain, near S.  
 end, bears N.86°11'E., about 3  $\frac{5}{8}$  miles dist.; center  
 of Twin Nipples on W. slope, bears N.67°55'E., about  
 3  $\frac{1}{8}$  miles dist.; S. end of black outcrop or knoll,  
 bears S.70°38'E., about 1 mile and 65 chs. dist.;  
 highest point on island to NW. of Wildcat mountain,  
 bears N.13°44' E., about 6 miles dist.

Land, level alkali flat; surface slightly uneven.

Soil, wet sandy clay.

Undergrowth, few salt brush on portions of mile.

North, bet. secs. 25 and 30.

Over level flat, nearly void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S25 on W., and  
 S30 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
 and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
 W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
 ground, for cor. of secs. 19, 24, 25 and 30, marked

T4S S19 on NE.,  
 R13W S30 on SE.,  
 S25 on SW., and  
 R14W S24 on NW. face; with 2 notches  
 on S. and 4 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.:  
 and raise a mound of earth, 4 ft. base, 2 ft. high,  
 W. of cor. Deposit a quart of glass at base of post.

Stone monument on Wildcat Mountain, bears S.78°06' E.,



Third Guide Meridian West, through sp. ...  
between ...

Chains

about 3 miles and 55 chs. dist.; twin nipples, bears  
N.86°33'E.; S. base of island, bears N.25°E.; about  
3½ miles dist. ... at point of

Land, level alkali flat; surface slightly uneven.

Soil, wet sandy clay.

Undergrowth, few salt brush.

North, bet. secs. 19 and 24.

Over level flat through few salt brush.

40.00

Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for ¼ sec. cor., marked

¼ S24 on W., and  
S19 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
W. of cor. Deposit a quart of glass at base of post.

80.00

Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for cor. of secs. 13, 18, 19 and 24, marked

T4S S18 on NE.,  
R13W S19 on SE.,  
S24 on SW., and  
R14W S13 on NW. face; with 3 notches  
on N. and S. edges.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

U.S. Mineral Mounment No. 242, a pine post, 6 ins. sq.,

showing 7 ft. above mound of stone, scribed and wit-

nessed as described in official notes, and situated

on top of flat spur at N. end of Wildcat Mountain,

bears N. 68°44' E., approximately 369.69 chs. dist.;

NW. base of Wildcat Mountain bears N.58½°E.

Land, level alkali flat.

Soil, damp sandy clay.

Undergrowth, few scattered salt brush on portions of  
mile.

Chains

North, bet. secs. 13 and 18.

Over level flat through few salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S13 on W., and  
S18 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for cor. of secs. 7, 12, 13 and 18, marked

T4S S7 on NE.,  
R13W S18 on SE.,  
S13 on SW., and  
R14W S12 on NW. face; with 4 notches  
on S. and 2 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.:

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Highest point of island, bears N.26°27'E., about 3 $\frac{1}{2}$   
miles dist.

Land, level alkali flat near E. edge.

Soil, damp sandy clay.

Undergrowth, few scattered salt brush.

North, bet. secs. 7 and 12.

Over level alkali flat through few brush.

40.00 Set a fir post, 3 ft. long; 4 ins. sq., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S12 on W. and  
S7 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

W. of cor. Deposit a quart of glass at base of post.

A sandy ridge extending along the E. edge of flat, bears  
E. of line about 15 chs. dist.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the

Chains

ground, for cor. of sec. 1, 2, 3 and 4.

T4S S6 on NE. 1/4 level  
R13W S7 on SE.,  
S12 on SW. 1/4 and  
R14W S1 on NW. face of  
on S. and 1 notch on NW. edge.

Dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist.  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit a quart of glass at base of mound.  
U.S. M. M. No. 242 on Wildcat Mountain, bears S. 85° 42' E.  
about 4 miles and 25 chs. dist.; base of N. end of  
Wildcat Mountain, bears East, about 4 1/2 miles dist.  
S. base of the island to NW. of mountain, bears  
N. 84 1/2° E., about 1 1/2 miles dist.; a black boulder, 4x3x2  
ft., bears S. 16° 23' W., about 6 chs. dist.  
Land, level alkali flat; surface uneven.

Soil, wet sandy clay, and sticky clay.

Undergrowth, few salt brush.

North, bet. secs. 1 and 6.

Over level flat with a few scattered brush.

40.00

Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for 1/4 sec. cor., marked

1/4 S1 on W., and  
S6 on E. face.

\*Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.  
and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,  
W. of cor. Deposit a quart of glass at base of post.

80.00

Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for corner of townships 3 and 4 south, ranges  
13 and 14 west, marked

T3S S31 on NE.,  
R13W S6 on SE.,  
T4S S1 on SW., and  
R14W S36 on NW. face with 1 notch  
on the 4 edges.

Dig pits, 18x18x12 ins., on each line, N., S., and  
3 ft., and S. of post, 7 ft. dist.  
of earth, 4 ft. base, 2 ft. high.

Deposit a quart of glass at base of post.

Third Guide Meridian West, through Tps. 4 South,  
between Ranges 13 and 14 West.

The center line of Twin Nipples on W. slope of Wildcat Mountain, bears S.37°09'E., approximately  $4\frac{3}{4}$  miles dist.; highest point in desert island which is about  $2\frac{1}{4}$  miles N. and S., and 1 mile E. and W., bears N.58°11'E., about 1 mile and 56 chs. dist.; S. end of island bears about S.59°E.,  $1\frac{1}{4}$  miles dist.: NW. base of island visible from this point, bears N.43°E., about  $1\frac{1}{2}$  miles dist.; and high point of Dutch Mountain, bears S.52°13'W.

Corner stands in level flat about  $\frac{1}{2}$  mile from E. edge. Land, level alkali flat on the Great Salt Lake Desert. Soil, wet, sticky clay and sandy clay, saturated with mineral.

Undergrowth, few scattered salt brush, 6 to 12 ins. in height on portions of mile.

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Third Guide Meridian West, through Tps. 3 South,  
between Ranges 13 and 14 West.

From the cor. of Ts. 3 and 4 S., Rs. 13 and 14 W.  
North, bet. secs. 31 and 36.

Over level land, rough surface: through few brush.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S36 on W., and  
S31 on E. face.

Dig pits, 18x18x12 ins.; N. and S. of post, 3 ft. dist.:  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, marked

T3S S30 on NE.,  
R13W S31 on SE.,  
S36 on SW., and  
R14W S25 on NW. face; with 1 notch  
on S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,

Chains	
	<p>W. of cor. Deposit a quart of glass at base of post.            Sand ridge on E. edge of flat and at W. base of island.            bears E. of line 20 to 30 chs. dist.            Land, level flat with uneven surface.            Soil, wet sandy clay.            Undergrowth, few salt brush.</p>
	<p>North, bet. secs. 25 and 30.            Over level flat through few brush.</p>
8.00	Enter heavier brush.
40.00	<p>Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the            ground, for <math>\frac{1}{4}</math> sec. cor., marked  <math>\frac{1}{4}</math> S25 on W., and            S30 on E. face.            Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;            and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high,            W. of cor. Deposit a quart of glass at base of post.</p>
48.00	Enter sandy soil.
56.00	Leave clay and alkali flat, enter low sand dunes and hummocks with heavier brush, bears SE. and W.
80.00	<p>Among low sand dunes,            Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the            ground; for cor. of secs. 19, 24, 25 and 30, marked            T3S S19 on NE.,            R13W S30 on SE.,            S25 on SW., and            R14W S24 on NW. face; with 2 notches            on S. and 4 notches on N. edge.            Deposit a quart of glass at base of post.            Loose sand other accessories impracticable.            N. base of island bears S.70°E., about <math>1\frac{1}{2}</math> miles dist.;            Tabby Peak in Cedar Range, bears S.76°19'E.            Land, level alkali flat with wet clay and sandy clay            soil, on S. 56 chs.; remainder of mile is low rolling            sand dunes and tall hummocks, covered with a medium            growth of tall rabbit brush and match brush.</p>

Third Guide Meridian West, through Tps. 3 South,  
between Ranges 13 and 14 West.

Chains

North, bet. secs. 19 and 24.

Over sand dunes with scattered brush.

21.00 Leave all brush, continue over high, rolling dunes.

39.25 Top of low sand ridge, E. and W.

40.00 On N. slope of ridge or dune, in loose shifting sand.

Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S24 on W., and  
S19 on E. face.

Deposit a quart of glass at base of post.

48.00 Summit of sand dunes about 50 ft. high, bears E. and W.

75.00 Leave sand dunes, enter level flat with wet sandy clay  
soil, bears E. and W.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for cor. of secs. 13, 18, 19 and 24, marked

T3S S18 on NE.,  
R13W S19 on SE.,  
S24 on SW., and  
R14W S13 on NW. face: with 3 notches  
on N. and S. edges.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit a quart of glass at base of post.

U. S. M. M. No. 242 on Wildcat Mountain, bears S. 44° 53' E.,  
about 6  $\frac{1}{8}$  miles dist.; N. end of island bears S. 42° E.  
about 2 miles dist.; and high point of island, bears  
S. 34° 21' E., about 2  $\frac{1}{2}$  miles dist.

S. 75 chs. is rolling sand dunes with white, shifting  
sand; N. 5 chs. is a level flat, void of vegetation,  
with wet sandy-clay soil.

North, bet. secs. 13 and 18.

Over level flat, with a few salt brush.

38.00 Leave all brush.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S13 on W., and  
S18 on E. face.

Third building, 18x18x12 ins., N. and S. of post, 3 ft. dist.  
and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high.  
W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for cor. of secs. 7, 12, 13 and 18, marked

T3S S7 on NE.,  
R13W S18 on SE.,  
S13 on SW. and  
R14W S12 on NW. face: with 4 notches  
on S. and 2 notches on N. edges.

Dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high.  
W. of cor. Deposit a quart of glass at base of monument.

Land, level flat.

Soil, wet sandy clay.

Undergrowth, a few salt brush on portions of mile.

North, bet. secs. 7 and 12.  
Over level land, void of vegetation.

4.00 Leave flat, enter rolling sand dunes, bears E. and W.  
4.00 On top of small sand ridge,

Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for sec. cor., marked

1/2 S12 on W., and  
S7 on E. face.

Deposit a quart of glass at base of post.

These, shifting sand, other accessories impracticable.

60.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for cor. of secs. 1, 6, 7 and 12, marked

T2S S6 on NE.,  
R13W S7 on SE.,  
S12 on SW., and  
R14W S1 on NW. face: with 5 notches  
on S. and 1 notch on N. edge.

Deposit a quart of glass at base of post.

Corner is on a S. slope, in high rolling sand dunes.

Land, rolling sand dunes or hills, ranging from 25 to  
50 ft. in height: soil, loose, shifting white sand,  
nearly void of vegetation, except few greaswoods along  
edges: S. 5 chs. is level flat with wet sandy soil.

Third Guide Meridian West, through Tps. 3 South,  
between Ranges 13 and 14 West.

North, bet. secs. 1 and 3.

Over high, rolling sand dunes or hills, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S1 on W., and  
S6 on E. face.

Deposit a quart of glass at base of post. Loose, shifting sand.

80.00 On a S. slope of low sand dune,

Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for corner of townships 2 and 3 south, ranges 13 and 14 west, marked

T2S S31 on NE.,  
R13W S6 on SE.,  
T3S S1 on SW., and  
R14W S36 on NW. face; with 6 notches  
on the 4 edges.

Deposit a quart of glass at base of post.

Loose, shifting sand, other accessories impracticable.

Land, rolling sand dunes or hills, 25 to 50 ft. high,

Soil, loose, shifting white sand.

No vegetation.

The sand dunes extend westerly for about 6 miles and  
easterly to southeasterly for about 3 miles to east  
edge of Basin.

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Third Guide Meridian West, through Tps. 2 South,  
between Ranges 13 and 14 West.

From the cor. of Tps. 2 and 3 S., Rs. 13 and 14 W.

North, bet. secs. 31 and 36.

Over rolling sand dunes, void of vegetation.

5.00 Enter few tall greasewoods.

16.50 N. edge of the sand dunes, enter level alkali flat with  
few small hummocks, bears E. and W.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked



Chains

$\frac{1}{2}$  S36 on W., and  
S21 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Deposit a quart of glass at base of post.

56.00

E. end of sandy ridge, extending westerly.

80.00

Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, marked

T2S S30 on NE.,  
R13W S31 on SE.,  
S36 on SW., and  
R14W S25 on NW. face; with 1 notch on S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post. S. 16 $\frac{1}{2}$  chs. is rolling sand dunes, with loose, shifting sand and few tall greasewoods; remainder of mile is level alkali flat with a few sandy hummocks on portions; soil, damp to wet sandy-clay.

North, bet. secs. 25 and 30.

Over nearly level flat, few scattered brush.

40.00

Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S25 on W., and  
S30 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Deposit a quart of glass at base of post.

Low sandy ridges, W. of line about 15 chs. dist.

80.00

Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked

T2S S19 on NE.,  
R13W S30 on SE.,  
S25 on SW., and  
R14W S24 on NW. face; with 2 notches on S. and 4 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high,

Third Guide Meridian West, through Tps. 2 South,  
ranges 13 and 14 West.

Chains

W. of cor. Deposit a quart of glass at base of post.

Low sandy ridges bears W. of line about 8 chs. dist.

Land, level alkali flat, surface uneven.

Soil, damp sandy clay, with brown crusted surface.

Undergrowth, few salt brush on portions of mile.

Station 11

North, bet. secs. 19 and 24.

Over level land, void of vegetation.

14.00 S. edge of low sandy rise, bears NE. and S. 20° W.

23.00 N. edge of same, bears NW. and SE.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S24 on W., and  
S19 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for cor. of secs. 13, 18, 19 and 24, marked

T2S S18 on NE.,  
R13W S19 on SE.,  
S24 on SW., and  
R14W S13 on NW. face; with 3 notches  
on N. and S. edges.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.:

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Low sandy rises bears W. of line about 8 chs. dist.

Land, level alkali flat.

Soil, damp, dark sandy clay; brown crusted surface.

No vegetation.

Station 12  
North, bet. secs. 13 and 18.

Over level land void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S13 on W., and  
S18 on E. face.

Standard Guide for Surveying  
Between Range 25 and 26 East.

Chains	
	<p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor. Deposit a quart of glass at base of post.</p> <p>A small sandy rise, bears W. of line 4 chs. dist.</p> <p>80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, marked</p> <p style="text-align: center;">T2S S7 on NE., R13W S18 on SE., S13 on SW., and R14W S12 on NW. face; with 4 notches on S. and 2 notches on N. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post.</p> <p>Land, level alkali flat; low sandy rises or ridges to W. of line.</p> <p>Soil, damp, dark sandy-clay.</p> <p>No vegetation.</p>
	<p style="text-align: right;">00.00</p> <p>North, bet. secs. 7 and 12.</p> <p>Over level land, void of vegetation.</p>
21.00	S. edge of low sandy knoll, extends E. 1 ch. and W. about 4 chs. dist.
25.00	N. edge of same.
40.00	<p>Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for ¼ sec. cor., marked</p> <p style="text-align: center;">¼ S12 on W., and S7 on E. face.</p>
	<p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor. Deposit a quart of glass at base of post.</p>
41.00	Enter low sandy rises or ridges with small clay basins, bears E. and W.
75.00	Leave sandy rises, enter clay flat, bears E. and extends W. for about 5 chs. to end.
80.00	<p>Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground for cor. of secs. 1, 6, 7 and 12, marked</p>

Range 13 and 14 West, through Tps. 2 South,  
between Ranges 13 and 14 West.

T2S S6 on NE.,

R13W S7 on SE.,

S12 on SW., and

R14W S1 on NW. face: with 5 notches  
on S. and 1 notch on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.:

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Land, level alkali flat and low sandy ridges, 5 to 20  
ft. high.

Soil, damp clay, and sandy clay.

Undergrowth, scattered salt brush and shadscale on the  
ridges,

North, bet. secs. 1 and 6.

Over level land, void of vegetation.

7.50 Enter low, scattered sandy ridges with scattered brush,  
bears E. and W.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S1 on W., and  
S6 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:

and raise a mound of earth, 3 ft. base, 1 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Cor. stands on S. edge of small knoll, extending E. and  
W. about 1 ch. dist.

68.00 Leave sand ridges or low hills, enter level flat, bears  
generally NE. and SW.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for corner of townships 1 and 2 south, ranges  
13 and 14 west, marked

T1S S31 on NE.,

R13W S6 on SE.,

T2S S1 on SW., and

R14W S36 on NW. face: with 6 notches  
on the four edges.

Dig pits, 18x18x12 ins., on each line, N., E. and W.,

3 ft., and S. of post, 7 ft. dist.: and raise a mound

# Chains

of earth, 4 ft. base, 2 ft. high, S. of cor. 1. Deposit a quart of glass at base of monument.

Land, low, rolling, scattered sandy ridges and level alkali flats.

Soil, wet sandy clay on flat, loose sandy on ridges.

Undergrowth, scattered salt brush, greasewood and shade scale on ridges.

High point on Dutch Mountain, bears S. 38° 36' W.; Pilot Peak, bears N. 57° 20' W.; high point in Newfoundland Mountain, bears N. 0° 14' E.; and section house at Barro on the W.P.R.R., bears N. 59° 55' W.

Third Guide Meridian West, through Tps. 1 South, between Ranges 13 and 14 West.

From the cor. of Ts. 1 and 2 S., Rs. 13 and 14 W. North, bet. secs. 31 and 36.

Over level alkali flat, void of vegetation.

24.00 Enter a few scattered salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S36 on W., and  
S31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, marked

T1S S30 on NE.,  
R13W S31 on SE.,  
S36 on SW., and  
R14W S25 on NW. face; with 1 notch on S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level alkali flat; white surface.

March 1900, through Twp. 1 South,  
secs. 13 and 14 West.

Soil, wet, sticky clay, and sandy clay, saturated with mineral. Bottom . . . . .

Undergrowth, few scattered salt brush.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

North, bet. secs. 25 and 30.

Over level alkali flat with very scattered brush.

Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S25 on W., and  
S30 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

W. of cor. Deposit a quart of glass at base of post.

SW. edge of low sandy hill, bears N.15°W. and SE.

Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked

T1S S19 on NE.,  
R13W S30 on SE.,  
S25 on SW., and  
R14W S24 on NW. face; with 2 notches  
on S. and 4 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.:

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Cor. situated on slight W. slope of low hill, about 4  
chs. dist. from W. edge.

Land, level alkali flat with a low sandy hill on N. end.

Soil, wet, sticky clay, and sandy clay.

Undergrowth, very scattered salt brush on portions of  
mile.

North, bet. secs. 19 and 24.

Over a low sandy hill, near W. edge, through scattered  
brush.

NW. edge of hill, enter level alkali flat void of  
vegetation, bears NE. and S.15°W.

Third Quarter Section, T. 22 N., R. 10 E., S. 4 E.  
Between ranges 13 and 14 East.

Chains	
40.00	Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked: <p style="text-align: center;"><math>\frac{1}{4}</math> S24 on W., and S19 on E. face.</p> Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of post.
80.00	Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, marked: <p style="text-align: center;">T1S S18 on NE., R13W S19 on SE., S24 on SW., and R14W-S13 on NW. face; with 3 notches on N. and S. edges.</p> Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post, also place a large piece of iron alongside of post.
	Land, level alkali flat with a low sandy hill on S. end. Soil, wet, heavy clay, and sandy clay, saturated with mineral.
	Undergrowth, very scattered salt brush on S. portion. Brine encountered at 2 ft. under surface of ground.
	North, bet. secs. 13 and 18.
	Over level alkali flat void of vegetation.
1.33	Postal telegraph line, parallel to railroad.
2.53	Western Union telegraph line, parallel to railroad; the railroad mile post No. 841 bears westerly 1.06 chs. dist.
3.27	Center of main line track of Western Pacific Railroad, bears N.88°08'W. and S.88°08'E.; between stations of Knolls and Barro.
5.10	Victory Highway, parallel to railroad; a culvert bears westerly 2.35 chs. dist.
21.35	The Mountain States Tel. and Tel. line, parallel to R.R.
40.00	Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the

Saline on the Meridian West, through Tps. 1 South,  
between Ranges 13 and 14 West.

Saline

ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S13 on W., and  
S18 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

W. of cor. Deposit a quart of glass and large angle  
iron at base of post.

Enter very scattered salt brush.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for cor. of secs. 7, 12, 13 and 18, marked

T1S S7 on NE.,  
R13W S18 on SE.,  
S13 on SW., and  
R14W S12 on NW. face: with 4 notches  
on S. and 2 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.:

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Land, level alkali desert.

Soil, heavy, brown clay; brine encountered 2 ft. under  
surface.

Undergrowth, very scattered salt brush on W. portion of  
mile.

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North, bet. secs. 7 and 12.

Over level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S12 on W., and  
S7 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for cor. of secs. 1, 6, 7, and 12, marked

T1S S6 on NE.,  
R13W S7 on SE.,  
S12 on SW., and  
R14W S1 on NW. face: with 5 notches on  
S. and 1 notch on N. edge.



Third Guide Meridian West, through T. 1 N.,  
between Ranges 13 and 14 West.

Chains	acres
<p>Dig pits, 18x18x12 ins., in each sec., <math>5\frac{1}{2}</math> ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post. Land, level alkali flat. Soil, heavy, wet clay: brine 18 ins. below surface of ground. No vegetation.</p>	
<p>North, bet. secs. 1 and 6. Over level land, entering very scattered salt brush. 40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for <math>\frac{1}{2}</math> sec. cor., marked <math>\frac{1}{2}</math> S1 on W., and S6 on E. face. Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor. Deposit a quart of glass at base of post. Brine encountered 18 ins. under surface of ground. 84.58 Intersect the Salt Lake Base Line, R. 13 W., at East, 4,61 chs. dist. from the standard cor. of T. 1 N., Rs. 13 and 14 W., which is a fir post, 4 ins. sq., recently established by me under this Group, and described in book "E". At point of intersection, Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground for closing corner of townships 1 south, ranges 13 and 14 west, marked CC T1S on S., R13W S6 on E., and R14W S1 on W. face: with 6 grooves on E., W. and S. faces. Dig pits, 18x18x12 ins., E. and W., 3 ft., and S. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor.. Deposit a quart of glass at base of post. Brine encountered at about 18 ins. below surface.</p>	

Third Guide Meridian West, through Tps. 1 North,  
between Ranges 13 and 14 West.

**Chains**

Land, level alkali flat, on the Great Salt Lake Desert.

Soil; water sticky clay saturated with mineral, and  
containing some lime or gypsum formation.

Undergrowth, very scattered salt brush, 6 ins. high,  
on portions of the mile.

Third Guide Meridian West, through Tps. 1 North,  
between Ranges 13 and 14 West.

Aug. 21, 1925; at the standard cor. of Tps. 1 N., Rs.  
13 and 14 W., in approximate latitude  $40^{\circ} 46' N.$ ,  
longitude  $113^{\circ} 22' W.$ , at 9h 39m p.m., l.m.t., I  
observe Polaris at eastern elongation, making six  
observations, three each with the telescope in direct  
and reversed positions, reading the deflection angle  
from a lath driven in the ground,  $\frac{1}{2}$  mile N., east to  
Polaris:

Azimuth of Polaris at eastern elongation =  $1^{\circ} 27' 09''$ .

Mean deflection angle =  $1^{\circ} 27' 00''$ .

True bearing of lath =  $N. 0^{\circ} 00' 09'' E.$

Thence,

North, bet. secs. 31 and 36.

Over level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S36 on W., and  
S31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor. Deposit a quart of glass at base of post.

50.00 Enter very scattered salt brush.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for cor. of secs. 25, 30, 31 and 36, marked

T1N S30 on NE.,  
R13W S31 on SE.,  
S36 on SW., and  
R14W S25 on NW. face; with 1 notch on  
S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post. Brine encountered at 2 ft. under surface of ground. Land, level alkali desert. Soil, wet, sticky clay saturated with mineral. Undergrowth, very scattered salt brush on portion of mile.

North, bet. secs. 25 and 30.

Over level alkali flat, through few scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S25 on W., and  
S30 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Deposit a quart of glass at base of post. Brine stands at 2 $\frac{1}{2}$  ft. beneath surface.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked

T1N S19 on NE.,  
R13W S30 on SE.,  
S25 on SW., and  
R14W S24 on NW. face; with 2 notches on S. and 4 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post.

Brine encountered at 2 $\frac{1}{2}$  ft. beneath surface.

Land, level alkali flat.

Soil, wet, sticky clay; salty surface.

Undergrowth, very scattered salt brush.

North, bet. secs. 19 and 24.

Over level land through few scattered brush.

chains

25.00 Leave all vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S24 on W., and  
S19 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor. Deposit a quart of glass at base of post.

Brine encountered at 2 $\frac{1}{2}$  ft. beneath the surface.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for cor. of secs. 13, 18, 19 and 24, marked

T1N S18 on NE.,  
R13W S19 on SE.,  
S24 on SW., and  
R14W S13 on NW. face: with 3 notches  
on N. and S. edges.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit a quart of glass at base of post.

Brine encountered at 2 $\frac{1}{2}$  ft. beneath the surface.

Land, level alkali flat.

Soil, wet, sticky clay.

Undergrowth, few salt brush on S. portion of mile.

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North, bet. secs. 13 and 18.

Over level flat void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S13 on W., and  
S18 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor. Deposit a quart of glass at base of post.

Brine encountered at 2 ft. under surface.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for cor. of secs. 7, 12, 13 and 18, marked

T1N S7 on NE.,  
R13W S18 on SE.,  
S13 on SW., and  
R14W S12 on NW. face: with 4 notches

Third corner of sec. 12, T. 12 N., R. 12 E., S. 12  
 between ranges 12 and 13 west.

Chains	
	<p>on S. and 2 notches on N. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.,          and raise a mound of earth, 4 ft. base, 2 ft. high,          W. of cor. Deposit a quart of glass at base of post.          Brine encountered 2½ ft. beneath surface.          Land, level alkali flat.          Soil, wet, sticky clay and sandy clay.          No vegetation.</p>
	<p>North, bet. secs. 7 and 12.</p> <p>Over level land, void of vegetation.</p>
40.00	<p>Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the          ground, for ¼ sec. cor., marked</p> <p>¼ S12 on W., and          S7 on E. face.</p> <p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;          and raise a mound of earth, 3½ ft. base, 1½ ft. high,          W. of cor. Deposit a quart of glass at base of post.          Brine encountered at 1½ ft. beneath surface.</p>
80.00	<p>Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the          ground, for cor. of secs. 1, 6, 7 and 12, marked</p> <p>T1N S6 on NE.,          R13W S7 on SE.,          S12 on SW., and          R14W S1 on NW. face; with 5 notches          on S. and 1 notch on N. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.;          and raise a mound of earth, 4 ft. base, 2 ft. high,          W. of cor. Deposit a quart off glass at base of post.          Brine encountered at 18 ins. beneath the surface.          Land, level alkali flat.          Soil, wet clay with some gypsum or lime formation on          or near surface of ground.          No vegetation.</p>

Third Guide Meridian West, through Tps. 1 North,  
between Ranges 13 and 14 W.

North, bet. secs. 1 and 6.

Over level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S1 on W., and  
S6 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

W. of cor. Deposit a quart of glass at base of post.

Brine encountered at 18 ins. beneath the surface.

85.15 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for corner of townships 1 and 2 north, ranges  
13 and 14 west, marked

T2N S31 on NE.,  
R13W S6 on SE.,  
T1N S1 on SW., and  
R14W S36 on NW. face; with 6 notches  
on the four edges.

Dig pits, 18x18x12 ins., on each line, N., E. and W.,  
3 ft., and S. of post, 7 ft. dist.: and raise a mound  
of earth, 4 ft. base, 2 ft. high, S. of cor.

Deposit a quart of glass at base of post.

Brine encountered at 2 $\frac{1}{2}$  ft. beneath the surface.

Land, level alkali flat on the Great Salt Lake Desert.

Soil, wet, sticky clay, with thin layers of lime or  
gypsum formation near surface on portions of mile.

No vegetation.

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Third Guide Meridian West, through Tps. 2 North,  
between Ranges 13 and 14 West.

From the cor. of Tps. 1 and 2 N., Rs. 13 and 14 W.  
North, bet. secs. 31 and 36.

Over level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S36 on W., and  
S31 on E. face.

Third Guide Mountain West, between Ranges 13 and 14 West.

Chains	Mileage
80.00	<p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high. W. of cor. Deposit a quart of glass at base of post.</p> <p>Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, marked</p> <p style="padding-left: 40px;">T2N S30 on NE., R13W S31 on SE., S36 on SW., and R14W S25 on NW. face; with 1 notch on S. and 5 notches on N. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post.</p> <p>Land, level alkali flat.</p> <p>Soil, wet clay and sandy clay, containing some lime or gypsum formation.</p> <p>No vegetation.</p>
40.00	<p>North, bet. secs. 25 and 30.</p> <p>Over level alkali flat, void of vegetation.</p> <p>Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for ¼ sec. cor., marked</p> <p style="padding-left: 40px;">¼ S25 on W., and S30 on E. face.</p>
52.00	<p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor. Deposit a quart of glass at base of post.</p> <p>Cross E. edge of low sandy hummocks and rises extending westerly, 1 to 3 ft. high.</p>
80.00	<p>Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked</p> <p style="padding-left: 40px;">T2N S19 on NE., R13W S30 on SE., S25 on SW., and R14W S24 on NW. face; with 2 notches on S. and 4 notches on N. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post.</p>

Land, level alkali flat; surface slightly uneven.

Soil, wet, sticky clay and sandy clay, with scattered patches of lime or gypsum formation.

No vegetation.

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North, bet. secs. 19 and 24.

Over level flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S24 on W., and  
S19 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Deposit a quart of glass at base of post.

Brine encountered at 1 $\frac{1}{2}$  ft. beneath the surface.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, marked

T2N S18 on NW.,  
R13W S19 on SE.,  
S24 on SW., and  
R14E S13 on NW. face: with 3 notches on N. and S. edges.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post.

Land, level alkali flat; surface slightly uneven.

Soil, wet, sticky sandy clay, with patches of lime or gypsum formation; brine 1 $\frac{1}{2}$  ft. beneath the surface.

No vegetation.

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North, bet. secs. 13 and 18.

Over level land, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S18 on W., and  
S18 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,



Chains

W. of cor. Deposit a quart of glass at base of post.  
Brine encountered at 1 $\frac{1}{2}$  ft. below the surface.

80.00

Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for cor. of secs. 7, 12, 13 and 18, marked

T2N S7 on NE.,  
R13W S18 on SE.,  
S13 on SW., and  
R14W S12 on NW. face; with 4 notches  
on S. and 2 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.  
Brine encountered at 1 $\frac{1}{2}$  ft. beneath the surface.

Land, level alkali desert; surface slightly uneven.

Soil, wet, light colored clay, with patches of lime or  
gypsum formation.

No vegetation.

North, bet. secs. 7 and 12.

Over level land void of vegetation.

40.00

Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S12 on W., and  
S7 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

W. of cor. Deposit a quart of glass at base of post.  
Brine encountered at 1 $\frac{1}{2}$  ft. beneath the surface.

80.00

Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for cor. of secs. 1, 6, 7 and 12, marked

T2N S6 on NE.,  
R13W S7 on SE.,  
S12 on SW., and  
R14W S1 on NW. face; with 5 notches  
on S. and 1 notch on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.  
Brine encountered at about 18 ins. beneath the surface.

Black 3. ...  
Third Guide Meridian West, through Tps. 2 North,  
between Ranges 13 and 14 West.

Land, level alkali flat.

Soil, wet, sticky clay; some lime or gypsum formation.

No vegetation.

North, bet. secs. 1 and 6.

Over level land, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S1 on W., and  
S6 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;

and raise a mound of earth, 3 ft. base, 1 ft. high,

W. of cor. Deposit a quart. of glass at base of post.

Brine encountered at 18 ins. beneath the surface.

75.00 Enter a few small salt brush, bears E. and W.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for corner of townships 2 and 3 north, ranges  
13 and 14 west, marked

T3N S21 on NE.,  
R13W S6 on SE.,  
T2N S1 on SW., and  
R14W S26 on NW. face: with 6 notches  
on the 4 edges.

Brine encountered at 20 ins. beneath the surface.

Dig pits, 18x18x12 ins. on each line, N., E. and W.,

3 ft., and S. of post, 7 ft. dist.: and raise a mound

of earth, 4 ft. base, 2 ft. high, S. of cor.

Deposit a quart of glass at base of post.

Land, level alkali flat on the Great Salt Lake Desert.

Soil, wet, sticky clay saturated with mineral.

Few salt brush on N. end of mile.

High ledge point on Floating Island, bears S. 82° 29' W.,  
about 14 miles dist.; Pilot Peak (S. end) bears

N. 81° 27' W.; SE. base of Newfoundland mountain, bears

N. 18° 40' E., approximately 3 miles dist.: and a sharp

rock point, the most westerly point of Newfoundland

visible from this cor., bears N. 12° 24' W., about 5 miles  
dist.

Third Guide Mountain West, Nevada, Tps. 2 and 3 N., R. 13 and 14 W.  
between Ranges 12 and 14 West.

Chains

From the cor. of Tps. 2 and 3 N., R. 13 and 14 W.  
North, bet. secs. 31 and 36.  
Over level alkali flat through very scattered brush and  
few small sandy hummocks.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S36 on W., and  
S31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor. Deposit a quart of glass at base of post.

62.00 Leave all vegetation and hummocks, bears NW. and S. 20° E.

80.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for cor. of secs. 25, 30, 31 and 36, marked  
T3N S30 on NE.,  
R13W S31 on SE.,  
S36 on SW., and  
R14W S25 on NW. face; with 1 notch  
on S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit a quart of glass at base of post,  
also place a black rock, 18x14x12 ins., alongside of  
the post.

Land, level alkali flat, with a few scattered sandy  
hummocks, 1 ft. high, on portion of mile.

Soil, wet clay, and sandy clay.

Undergrowth, salt brush on portion of mile.

North, bet. secs. 25 and 30.

Over level alkali flat void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S25 on W., and  
S30 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor. Deposit a quart of glass at base of post.

between Ranges 13 and 14 West.  
between Ranges 13 and 14 West.

23.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked

T3N S19 on NE.,  
R13W S30 on SE.,  
S25 on SW., and  
R14W S24 on NW. face; with 2 notches on S. and 4 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.:

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Land, level alkali flat.

Soil, heavy, wet clay.

No vegetation.

North, bet. secs. 19 and 24.

Over level flat void of vegetation.

22.00 Enter scattered hummocks and brush, bears NW. and SE.

40.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for ¼ sec. cor., marked

¼ S24 on W., and  
S19 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:

and raise a mound of earth, 3½ ft. base, 1½ ft. high,

W. of cor. Deposit a quart of glass at base of post.

S. base of a black spur from Newfoundland mountain,

bears N.56½°E., about 1 mile dist.

68.00 Leave alkali flat and clay soil, enter large hummocks and sandy rise with tall greasewood along edge of basin, bears generally northwesterly and southeasterly

89.00 Set a fir post, 3 ft. long, 4 ins. sq., 26 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, marked

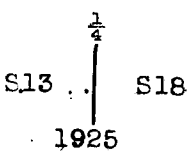
T3N S18 on NE.,  
R13W S19 on SE.,  
S24 on SW., and  
R14W S13 on NW. face; with 3 notches on N. and S. edges.

Deposit a quart of glass at base of post.

Cor. situated on sandy rise, loose sand, about 3 ft. above

flat; S. base of black spur, bears N.88½°E., ¾ mile.

Third Guide Mountain, West, between ranges 13 and 18.

Chains	
	Land, level alkali flat on the Great Salt Lake Desert, on S. 68 chs; hummocks and low sandy ridges on N. portion.
	Soil, heavy, wet clay on flat, loose sand mixed with some clay on N. portion.
	Undergrowth, scattered salt brush and greasewood on portion of mile.
	North, bet. secs. 13 and 18.
	Over hummocks and low sand ridges with scattered brush.
7.50	Top of low sand ridge, bears NW. and SE.
8.50	Leave hummocks and loose sand, enter nearly level bench at base of mountain.
38.60	Dim wagon road which follows along base of Newfoundland mountain, bears NW. and SE.; also base of mountainous land, bears NW. and S. 60° E.
40.00	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: center;"> <math>\frac{1}{4}</math>              S13 . . . S18            1925         </div>
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Cor. situated on a rocky S. slope, 10 ft. above base.
	Ascend rocky SW. slope of spur, 210 ft. to top.
53.00	Top of ascent on rocky W. slope, bears SE. 5 chs. dist. to black spur; descend NW. slope, 160 ft. to top.
62.20	Dry wash, 20 lks. wide, 2 ft. deep, drains SW.; gradually ascend 90 ft. over a gentle SW. slope to top.
80.00	In small depression 5 ft. deep at S. base of low knoll, Set an iron post, 3 ft. long, 2 ins. dia., 20 ins. in the ground to bedrock, and supported by a mound of stone, for cor. of secs. 7, 12, 13 and 18, with brass cap marked

Third Guide Meridian West, through Tps. 3 North,  
between Ranges 13 and 14 West.

Cashins

T3N	
R14W	R13W
S12	S7
S13	S18

1925

Raise a mound of stone, 2 ft. base, 1½ ft. S. of cor.,  
12 lks. dist. Impracticable to place the mound W.

S. ½ mile is low rolling sand ridges, hummocks and  
trench land, lying along the base of mountain and on  
the edge of the alkali basin; soil, loose sand and  
sandy clay with some gravel: N. ½ mile is mountainous  
land, at SW. base of Newfoundland Mountain, facing SW.:  
soil, rocky of limestone formation with shallow clay  
and gravelly loam.

Undergrowth, greasewood and shadscale.

North, bet. secs. 7 and 12.

Over rough mountainous land, generally ascending the  
SW. face of Newfoundland Mountain, through very  
scattered, short undergrowth.

3.65 Top of low black knoll, 70 ft. above cor.

6.10 N. base of knoll, 35 ft. below top.

8.00 Shallow wash, drains SW.: ascend broken . and SW. slopes.

40.00 On general SW. slope, 325 ft. above sec. cor.,

Set an iron post, 2 ft. long, 1 in. dia., 26 ins. in  
the ground, for ½ sec. cor., with brass cap marked

1/4	
S12	S7
1925	

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of  
cor. Ascend 325 ft. to

61.50 Top of high, rocky spur, protects S.60°W. for about ½  
mile, and bears N.40°E. for about 30 chs. to divide:  
thence along a steep, broken W. slope.

80.00 On W. slope, 85 ft. below spur,

Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in the

Third Guide Meridian West, through T<sub>3</sub>N, R<sub>14</sub>W, S<sub>1</sub>  
between ranges 13 and 14 W.

Chains

and

ground, for cor. of secs. 1, 6, 7 and 12, with brass cap marked

T 3 N		
R14W		R13W
S1		S6
S12		S7

1925

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rough mountainous with general SW. and W. exposure and drainage.

Soil, rocky of limestone formation and shallow clay and gravelly loam; 4th rate.

Undergrowth, sparse shadscale and greasewood.

No timber.

North, bet. secs. 1 and 6.

Over rough mountainous land, through short undergrowth; ascend 555 ft. over rough SW. and S. slopes to

21.40 Top of high spur, projects SW., and bears NE. 8 chs. to high point on main divide ridge; thence along a steep, rocky W. slope of main divide.

40.00 On steep W. slope, 30 ft. below spur, and about 8 chs. W. of divide,

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock, and supported by a mound of stone, for 1 sec. cor., with brass cap marked

	1	
S1		S6
	1925	

At base of post, deposit a limestone, 6x8x4 ins., marked with a cross (X).

49.20 Divide ridge of Newfoundland Mountain, 275 ft. above 1 sec. cor., bears S. 6° E., and NW. for 4 chs. thence nearly N.; thence along abrupt, rugged E. face.

63.40 Depression or head of gulch on E. slope; drains E.,

along Meridian West, through Tps. 3 North,  
between Ranges 13 and 14 West.

350 ft. below ridge; ascend 100 ft. to

Low rock point on E. slope: gradually asc. 200 ft.  
along rugged E. slope to cor.

Set an iron post, 3 ft. long, 3 ins. dia., 6 ins. in the  
ground to bedrock, and supported by a large mound of  
stones, for corner of townships 3 and 4 north, ranges  
13 and 14 west, with brass cap marked

T 4 N	
R 14 W	R 12 W
S 36	S 31
S 1	S 6
T 3 N	
1925	

Deposit a quart of glass at base of post. Other  
accessories impracticable.

Corner situated on a steep, rocky E. to SE. slope, 51  
chs. to E. and 200 ft. below the divide ridge.

Land, rough mountainous with general E. and W. exposure  
and drainage from main divide ridge.

Soil, rocky of limestone formation in form of outcrops,  
ledges and surface rock, with very shallow clay and  
gravelly loam; 4th rate.

Undergrowth, sparse shadscale and greasewood.  
No timber.

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For general description see exterior lines of adjacent  
townships surveyed under this group.

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# CERTIFICATE OF UNITED STATES SURVEYOR

I, Andrew Nelson, U.S. Cadastral Engineer, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Utah bearing date of the 11th day of April, 1925, I have well, faithfully, and in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of 1st standard parallel S. through Rgs. 11, 12, 13, 14 and 15 W.; 1st auxiliary standard parallel S., through Rgs. 16 and 17 W.; second auxiliary standard parallel S. through Rgs. 13, 14, 15 and 16 W.; 2nd guide meridian W., bet. Rgs. 10 and 11 W., through Tps. 5 and 6 S.; 3rd guide meridian W., bet. Rgs. 13 and 14 W., through Tps. 1, 2, and 3 N., and through Tps. 1, 2, 3, 4, 5, 6 and 8 S. of the Salt

Lake Base and Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me, and under my direction, and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Certified to at  
Salt Lake City, Utah May 7, 1925.

Andrew Nelson  
U.S. Cadastral Engineer U.S. Engineer

## APPROVAL.

U.S. Supervisor of Surveys.  
OFFICE OF THE ~~UNITED STATES SURVEYOR GENERAL~~

DENVER, COLORADO MAR 12 1925, 19

The foregoing field notes of the survey of 1st standard parallel S. through Rgs. 11, 12, 13, 14 and 15 W.; 1st auxiliary standard parallel S., through Rgs. 16 and 17 W.; second auxiliary standard parallel S. through Rgs. 13, 14, 15 and 16 W.; 2nd guide meridian W., bet. Rgs. 10 and 11 W., through Tps. 5 and 6 S.; 3rd guide meridian W., bet. Rgs. 13 and 14 W., through Tps. 1, 2, and 3 N., and through Tps. 1, 2, 3, 4, 5, 6, and 8 S., S.I.B. & M.

executed by Andrew Nelson, U.S. Cadastral Engineer, under his special instructions dated April 11, 1925, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Andrew Nelson  
Supervisor of Surveys U.S. Engineer

I certify that the foregoing transcript of the field notes of the above described surveys in \_\_\_\_\_, has been correctly copied from the original notes on file in this office.



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# INDEX DIARRHEA

R. 17 W.		R. 16 W.		R. 15 W.		R. 14 W.		R. 13 W.		R. 12 W.		R. 11 W.	
First Standard Parallel South													
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	Pages 127-133	Pages 120-124	Pages 112-116		Pages 97-103	Pages 82-86							
T. 7 S.	Pages 71-75	Pages 66-70	Pages 58-62	T. 8 S.	Pages 92-96	Pages 78-82	T. 8 S.	Pages 21-27	Pages 62-66	Pages 53-58	Pages 49-53	Pages 45-49	Pages 37-41
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Second Auxiliary Stan. Par. S. — —													

**DATE DIAGRAM:**

	First	Standard	Parallel	South
T. 5 S. R. 17 W.	T. 5 S. R. 16 W.	T. 5 S. R. 15 W.	T. 5 S. R. 14 W.	T. 5 S. R. 13 W.
8-7/25	8-5/25	7-27 & 28/25	7-20/25	7-24/25
T. 6 S. R. 17 W.	T. 6 S. R. 16 W.	T. 6 S. R. 15 W.	T. 6 S. R. 14 W.	T. 6 S. R. 13 W.
8-4/25	7-25/25	7-13/25	7-17/25	7-22/25
8-1/25	7-29/25	7-17/25	7-17/25	7-22/25
T. 7 S. R. 16 W.	T. 7 S. R. 15 W.	T. 7 S. R. 14 W.	T. 7 S. R. 13 W.	T. 7 S. R. 12 W.
7-31/25	7-25/25	7-13/25	7-17/25	7-22/25
7-30 & 31/25	7-9/25	7-8/25	7-8/25	7-22/25
T. 8 S. R. 16 W.	T. 8 S. R. 15 W.	T. 8 S. R. 14 W.	T. 8 S. R. 13 W.	T. 8 S. R. 12 W.
7-30/25	6-16/25	5-27/25	5-27/25	6-17/25
7-9/25	7-9/25	7-9/25	7-9/25	7-9/25

All lines surveyed by Andrew Nelson, U.S. Cadastral Engineer.

The survey of Group No. 164, Utah, commenced May 21, 1925, and executed with Buff & Buff transit No. 9978, equipt with U shaped standards and improved Smith solar attachment and full vertical circle. The horizontal limb is provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and of the vertical circle.

The instrument was approved for use on this survey by the Assistant Supervisor of Surveys for Utah, in Assignment Instructions dated May 6, 1925, conditional upon satisfactory field tests.

The country over which the lines of this survey, Group No. 164, Utah extends, with few exceptions, is level and open, lying in the Great Salt Lake Desert or Basin, and all azimuth determinations are accomplished by deflection angles, from meridians determined by observations upon Polaris, and all courses are checked by the solar; all lines are projected by double fore and back sights.

I examine the adjustments of the instrument and correct all errors. I then test the solar apparatus by comparing its indications hourly with the true meridian established by observations on Polaris as follows:

May 22, 1925, at the corner of Tps. 7 and 8 S., Rs. 13 and 14 W., S.L.B. & Mer., in approximate latitude  $40^{\circ} 10' N.$ , longitude  $113^{\circ} 22' W.$ , at 4h 2.6m a.m., by my watch which carries correct standard 105th meridian time as compared with a Western Union clock at Tooele, Utah, May 19th, and is 33m 28s fast of local mean time, I observe Polaris at eastern elongation, making six observations, three each with the telescope in direct and reversed positions, reading the deflection angle from a lath driven firmly in the

ground,  $\frac{1}{2}$  mile N., east to Polaris.

Azimuth of Polaris at eastern elongation =  $1^{\circ} 26' 26''$

Mean deflection angle =  $1^{\circ} 27' 15''$

True bearing of lath N.  $0^{\circ} 00' 49''$  W. ✓

May 22: At the above station, I set off  $40^{\circ} 10' N.$  on

the latitude arc;  $20^{\circ} 23' N.$ , on the declination arc;

and at 9h 0m a.m., app. t., determine a meridian with

the solar which I find to agree within 1' of the true

meridian.

May 22: At a point 3 miles S. of the above station, in

approximate latitude  $40^{\circ} 07\frac{1}{2}' N.$ , I make a meridian

observation for time and latitude, observing simultan-

ously the altitude on the sun's lower limb and the

transit of the sun's west limb, reversing the telescope

and observing simultaneously the altitude of the sun's

upper limb and the transit of the sun's east limb.

Mean observed altitude =  $70^{\circ} 17' 15''$

Reduced latitude =  $40^{\circ} 07' N.$  ✓

Mean watch time of observation = 12h 30m 04s

Watch fast of local mean time = 33m 34s

At approximate apparent noon with the instrument in the

meridian, I set off  $40^{\circ} 07' N.$ , on the lat. arc, and

observe the sun on the meridian; the resulting read-

ing of the declination arc is  $20^{\circ} 24' N.$ , which agrees

very closely with the computed declination of the sun.

At 3h 00m p.m., app. t., at the S. C. of Ts. 8 S., Rs.

13 and 14 W., I set off  $40^{\circ} 04\frac{1}{2}' N.$ , on the lat. arc;

$20^{\circ} 26' N.$ , on the decl. arc; and determine a meridian

with the solar which I find to agree within 1' of the

true meridian as projected south from the cor. of

Ts. 7 and 8 S., Rs. 13 and 14 W.,

During the progress of this survey, numerous meridians

were established by observations upon Polaris and by

other observations; from which the bearing of the

lines were checked, and a record of these observations

does not appear in these notes.

The instrument was kept in good adjustment throughout

## Chains

this survey, and the solar apparatus was frequently tested, comparisons of its indications being made with true meridians established by observations on Polaris. All measurements are made with a Lallie steel ribbon tape, eight (8) chains in length, compared with a Lufkin steel standard tape one chain in length and found to be correct. The measurements are made on the slope, the vertical angle determined with clinometers, and the slope measurements properly reduced to true horizontal distances, which only appear in these notes. The greater portion of the country over which the lines of this survey, Group No. 164, extends, is on the Great Salt Lake Desert or Basin. The soil in the basin contains minerals which cause the regulation iron posts to oxidize within a year, and in view of this condition, dressed fir posts, 3 ft. long, 4 ins. square with gabled or wedged shaped top, saturated with linseed oil, were used in lieu thereof. The markings on the wood posts are cut in with scribes and deepened with chisels. Deposits of glass or charcoal were used in conjunction with the wood posts.

## INDEPENDENT RESURVEY OF

SOUTH BOUNDARY OF T. 5 S.; R. 17 W.

From the cor. of T. 5 S., Rs. 17 and 18 W., approximate latitude  $40^{\circ} 20' N.$ , longitude  $113^{\circ} 50' W.$ , which is a granite stone, 6 x 7 x 7 ins., above the ground, firmly set; no marks remaining on stone and witnessed by faint traces of pits, N. E. and W, and trace of mound of earth N. of cor.; thence east, on S. bdy. of sec. 31, along S. bdy. of T. 5 S., R. 17 W., on resurvey line.

Over level alkali flat, through scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

Set the ground for sec. cor., sec. 31 only, marked

1/4 S. 31 on N. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.

dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2

ft. high N. of cor. Deposit a quart of glass at base of monument.

40.11 Fall 4 lks. S. of the original 1/4 sec. cor., which is a quartzite, 8 x 7 x 6 ins., above the ground, firmly set, marked 1/4 on N. face, and witnessed by traces of pits, E. and W. of cor., and traces of mound of earth N. of cor. I. destroy this cor., and set the stone along side of 1/4 sec. cor. sec. 31.

51.87 Intersect the closing cor. of T. 6 S., R. 17 and 18 W., which is a porphyry stone, 8 x 6 x 5 ins., above the ground, firmly set, marked CC 63 on S., 17 W on E., and 18 W on W. faces, and 6 grooves on S., E. and W. faces. Cor. is witnessed by traces of pits, E., W., and S., and traces of mound of earth S. of cor.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor of secs. 31 and 32, marked

T5SR17W on N.,  
S32 on E., and  
S31 on W., face, with 5 grooves on E.,  
and 1 groove on W. face.

Dig pits, 18 x 18 x 12 ins., on each line, E. and W., 3 ft. dist., and N. of post. 7 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil, wet, sticky, dark clay, saturated with mineral.

Undergrowth, scattered salt brush.

---

East on S. bdy. of sec. 32.

Over level alkali flat, through scattered brush and hummocks.

90.21 Fall 9 lks. S. of the original cor. of secs. 31 and 32, which is a granite stone, 9 x 7 x 6 ins., firmly set,

SOUTH BOUNDARY OF T3 SEC. 32 AND 33

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Chains

no marks remaining on stone, and witnessed by trace of mound to N. I destroy this cor., setting the stone monument alongside of sec. cor. sec. 31 and 32.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for 1/4 sec. cor., sec. 32 only, marked 1/4 S 32 on N. face,

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high N. of cor. Deposit a quart of glass at base of monument.

Leave brush and hummocks. brs. N. and S.

40.30 Fall 10 lks. S. of the original 1/4 sec. cor., which is a quartzite, 6 x 6 x 5 ins., above the ground, firmly set; marked SC 1/4 on N. face, and witnessed by trace of mound of earth. I destroy this cor., setting the stone alongside of 1/4 sec. cor. sec. 32.

60.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 32 and 33 only, marked

T5SR17W on N.,  
S33 on E., and  
S32 on W. face, with 4 grooves on E.,  
and 2 grooves on W. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and N. of post, 7 ft. dist.; raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil, wet, sticky clay.

Undergrowth, scattered salt brush and hummocks on W. half mile. No vegetation on E. half mile.

East, on S. bdy. of sec. 33.

Over level alkali flat, void of vegetation.

0.38 Fall 12 lks. S. of the original cor. of secs. 32 and 33, which is a granite, 8 x 4 x 3 ins., above the ground, firmly set; no marks on stone, and witnessed by trace of mound of earth to N. I destroy this cor.,

Chain

- ... setting the stone alongside of sec. cor. secs. 32 and 33.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., sec. 33 only, marked  
 $\frac{1}{4}$  S 33 on N. face.  
Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.  
dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$   
ft. high N. of cor. Deposit a quart of glass at base  
of monument.  
No evidence of the original  $\frac{1}{4}$  sec. cor. found.
- 89.00 Set a fir post, 3 ft. long, 2 ins. square, 26 ins. in  
the ground for cor. of secs. 33 and 34, marked  
T5SR17W on N.,  
S34 on E., and  
S33 on W., face, with 3 grooves on  
E., and 3 grooves on W. face.  
Land, level alkali flat.  
Soil, wet, heavy, sticky clay.  
No vegetation.
- 
- East, on S. bdy. of sec. 34.  
Over level alkali flat, void of vegetation.
- 0.66 Fall 16 lks. S. of the original cor. of secs. 33 and 34,  
which is a granite stone, 6 x 4 x 4 ins., above the  
ground, firmly set; no marks remain on stone. Cor.  
is witnessed by faint trace of mound of earth to W.  
I destroy this cor., setting the stone alongside of  
sec. cor. secs. 33 and 34.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., sec. 34 only, marked  
 $\frac{1}{4}$  S 34 on N. face.  
Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.  
dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$   
ft. high N. of cor. Deposit a quart of glass at base  
of monument.
- 40.72 Fall 18 lks. S. of original  $\frac{1}{4}$  sec. cor., which is a  
granite, 12 x 8 x 4 ins., firmly set in the ground,  
marked SC  $\frac{1}{4}$  on N. face, and witnessed by trace of



TO THE SOUTH BOUNDARY OF T1S 34 AND 35

Chains	
	<p>mound of earth N. of cor. I destroy this cor., setting the stone alongside of <math>\frac{1}{4}</math> sec. cor. sec. 34. 34.00</p> <p>80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 34 and 35 only, marked</p> <p style="padding-left: 100px;">.T5SR17W on N., S35 on E., and S34 on W. face., with 4 grooves on W., and 2 grooves on E. face.</p> <p>Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and N. of post, 7 ft. dist.; raise a mound of earth, 4 ft. base, 2 ft. high N. of cor. Deposit a quart of glass at base of monument.</p> <p>Land, level alkali flat.</p> <p>Soil, wet, heavy, sticky clay.</p> <p>No vegetation.</p>
	<p>East, on S. bdy. of sec. 35.</p> <p>Over level alkali flat, void of vegetation.</p>
0.98	<p>Wall 21 lks. S. of the original cor. of secs. 34 and 35, which is a granite stone, 9 x 6 x 6 ins., above the ground, firmly set; no marks remain on stone. Cor. is witnessed by faint trace of mound of earth. I. destroy this cor., setting the stone alongside of sec. cor. sec. 34 and 35.</p>
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., sec. 35 only, marked</p> <p style="padding-left: 100px;">. <math>\frac{1}{4}</math> S 35 on N. face.</p> <p>Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high N. of cor. Deposit a quart of glass at base of monument.</p> <p>No evidence of the original <math>\frac{1}{4}</math> sec. cor. found.</p>
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 35 and 36 only, marked</p> <p style="padding-left: 100px;">T5SR17W on N., S36 on E., and S35 on W. face, with 1 groove on E., and 5 grooves on W. face.</p>

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and N. of post, 7 ft. dist.; raise a mound of earth, 4 ft. base, 2 ft. high N. of cor. Deposit a quart of glass at base of monument.

Land level alkali flat.

Soil, wet, heavy, sticky clay.

No vegetation.

East, on S. bdy. of sec. 36.

Over level alkali flat, void of vegetation.

1.38 Fall 24 lks. S. of the original cor. of secs. 35 and 36, which is a granite stone, 15 x 8 x 5 ins., lying on the ground, marked 1 notch on E., and 5 notches on W. edge, and witnessed by trace of earth mound to N. I destroy this cor., setting the stone alongside of sec. cor. secs. 35 and 36.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., sec. 36, only, marked  $\frac{1}{4}$  S 36 on N. face..

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high N. of cor. Deposit a quart of glass at base of monument..

1.38 The original  $\frac{1}{4}$  sec. cor. monument which is a granite stone, 14 x 9 x 3 ins., marked 3C.  $\frac{1}{4}$  on one face, was found N. 5 chs. dist. lying loose on the ground. This stone has the appearance of having been moved from its original position by the action of water. I set the stone alongside of  $\frac{1}{4}$  sec. cor. sec. 36.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of T. 5 S., Rs. 16 and 17 W., marked ..

31.11 Found .. T5S on N., R16WS31 on E., and R17WS36 on W., face, with six grooves on N., E., and W. faces.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.

Chains

dist., and N. of post, 7 ft. dist.; raise a mound of earth, 4 ft. base, 2 ft. high N. of cor. Deposit a quart of glass at base of monument.

From this cor. the position of the original cor. of T. 5 S., Rs. 16 and 17 W., brs. N. 77° 53' E., 1.48 chs. dist. The position of the original Tp. cor. was determined from traces of the pits and mound of earth. No evidences of the monument could be found.

Land, level alkali flat.

Soil, wet, heavy, sticky clay.

No vegetation.

INDEPENDENT RESURVEY OF  
WEST BOUNDARY OF T. 8 S., R. 16 W.

From the standard closing cor. of Ts. 8 and 9 S., R. 16 W., for description of which see the field notes of the survey of 2nd Auxilliary Standard Parallel S., through R. 16 W.; thence North, on W. bdy. sec. 31 along W. bdy. of T. 8 S., R. 16 W., on resurvey line.

Over nearly level desert land, through scattered undergrowth.

7.58 The cor. of Ts. 8 and 9 S., Rs. 17 W., for description of which see the field notes of 2nd Auxilliary Stan. Parallel S., through R. 16 W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., sec. 31 only, with brass cap marked.

S. 31

1925

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3  $\frac{1}{2}$  ft. base, 1  $\frac{1}{2}$  ft. high E. of cor. Deposit a quart of glass at base of monument.

Section 36, T. 8 S., R. 16 W., S. 36

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in

the ground for cor. of sec. 36 only, with brass cap marked

S 36

1925

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.

to W. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high W. of cor. Deposit a quart of glass at base of monument.

47.70 Fall 6 lks. W. of the original ¼ sec. cor, which is a quartzite stone, 8 x 6 x 6 ins., marked ¼ on W. face, and firmly set in the ground. The cor. is unwitnessed. I destroy this cor., and set stone alongside of iron post, ¼ sec. cor. sec. 36.

72.80 Center of Lincoln Highway, brs. N. 70°W., and S. 60°E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground for cor. of secs. 30 and 31 only, with brass cap marked

T83
S30
R16W
S31

1925

Dig pits, 18 x 18 x 12 ins., in each sec., 6 ft. dist.,

and raise a mound of earth, 3½ ft. base, 1½ ft. high E. of cor.

Land, nearly level desert, slight E. slope.

Soil, hard gravelly and sandy clay loam.

Undergrowth, medium growth of shadscale, greasewood and sagebrush.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in

North, on W. bdy. of sec. 30.

Over nearly level desert land, through a medium growth of brush.

WEST BOUNDARY OF T. 36 S., R. 16 W.

Chains

. 7.58 Northing of 80.00 chs. from cor. of T. 36 S., R. 16 W. 17 W.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground for cor. of secs. 25 and 36 only, with brass cap marked

T8S	
S25	T8S
	R16W
R17W	S30
S36	

1925

Raise a mound of stone, 2½ ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

7.78 Fall 10 lks. W., of the original cor. of secs. 25, 30, 31 and 36, which is a granite, 20 x 10 x 8 ins., firmly set in the ground and marked 1 notch on S., and 5 notches on N. edge. Cor. is unwitnessed. I destroy this cor., setting the stone alongside of iron post cor. secs. 25 and 36.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor., sec. 30 only, with brass cap marked

¼
S 30

1925

Raise a mound of stone, 2 ft. base, 1½ ft. high E. of cor., Deposit a quart of glass at base of monument.

. 47.58 Northing of 40.00 chs. from cor. of secs. 25 and 36.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor., sec. 25 only, with brass cap marked

¼
S 25

1925

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high W. of cor. Deposit a quart of glass at base of monument.

77.87 Fall 14 lks. W. of the original  $\frac{1}{4}$  sec. cor., bet. secs. 25 and 30, which is a quartzite stone, 16 x 10 x 4 ins., marked  $\frac{1}{4}$  on W. face, and firmly set in the ground. Cor. is unwitnessed. I destroy this cor., and set the stone, alongside of  $\frac{1}{4}$  sec. cor. sec. 25.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground for cor. of secs. 19 and 30, only, with brass cap marked

T8S	T8S
R17W	S19 ✓
S25	S30
	R16W

1925

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

Land, nearly level desert; slight N. slope.

Soil, hard, gravelly and sandy clay loam.

Undergrowth, a medium growth of shadscale, match brush and greasewood.

North, along W. bdy. sec. 19, on resurvey line.

Over nearly level desert land, through scattered undergrowth.

7.58 Northing of 80.00 chs. from cor. of secs. 25 and 36.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground for cor. of secs. 24 and 25 only, with brass cap marked

T8S	T8S
S24	R16W
S25	S19
R17W	

1925

Dig pits, 18 x 18 x 12 ins., in each sec., 6 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base of monument.

7.91 Fall 18 lks. W. of the original cor. of secs. 19, 24,

Chains

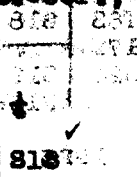
25. and 30, which is a granite, 20 x 16 x 4 ins., marked 2 notches on S., and 4 notches of 32 edge. Cor. is firmly set in the ground and unwitnessed. I destroy this cor., and set the old stone alongside of iron post, cor. secs. 24 and 25.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., sec. 19 only, with brass cap marked
- $\frac{1}{4}$  /  
 S19  
 1925
- Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high E. of cor. Deposit a quart of glass at base of monument..
- 47.58 Northing of 40.00 chs. from cor. of secs. 24 and 25. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., sec. 24 only, with brass cap marked
- $\frac{1}{4}$  /  
 S24  
 1925
- Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base of monument.
- 48.00 Fall 22 lks. W. of the original  $\frac{1}{4}$  sec. cor. bet. secs. 19 and 24, which is a granite stone, 16 x 6 x 4 ins., marked  $\frac{1}{4}$  on W. face, and firmly set in the ground. Cor. is unwitnessed. I destroy this cor., and set the stone monument alongside of  $\frac{1}{4}$  sec. cor. sec. 24.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground for cor. of secs. 18 and 19 only, with brass cap marked





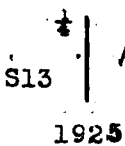
Chains

the ground for  $\frac{1}{4}$  sec. cor., sec. 13 only, with brass cap marked



Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high E. of cor. Deposit a quart of glass at base of monument.

47.58 Northing of 40.00 chs. from cor. of secs. 13 and 24. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., sec. 13 only, with brass cap marked

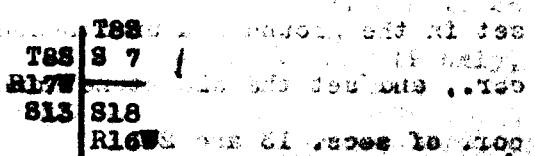


Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base of monument.

48.14 Fall 27 lks. W. of the original  $\frac{1}{4}$  sec. cor., bet. secs. 13 and 18, which is a granite stone, 12 x 6 x 4 ins., marked  $\frac{1}{4}$  on W. face, and firmly set in the ground. Cor. is unwitnessed. I destroy this  $\frac{1}{4}$  sec. cor., and set the old stone monument alongside of  $\frac{1}{4}$  sec. cor. sec. 13.

65.00 Enter medium growth of grasswood, and rolling land, brs. E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground for cor. of secs. 7 and 18 only, with brass cap marked



1925

Chains

Dig pits, 18 x 18 x 12 ins., in each sec. 6 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high E. of cor. Deposit a quart of glass at base of monument.

Land, nearly level and rolling desert.

Soil, hard sandy and gravelly clay.

Undergrowth, a scattered growth of shadscale and greasewood on portion of mile, and medium growth of greasewood on portion.

North, on W. bay. of sec. 7, on resurvey line.

Over nearly level land, surface slightly broken, through scattered growth of brush.

7.58 Northing of 80.00 chs. from cor. of secs. 13 and 14.

Set an iron post, 3' ft. long, 2 ins. diam., 26 ins. in the ground for cor. of secs. 12 and 13 only, with brass cap marked

T&S	
S12	T&S
	R10W
S13	S 7
R17W	

1925

Dig pits, 18 x 18 x 12 ins., in each sec. 6 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base on monument.

8.24 Fall 26 lbs. W. of the original cor. of secs. 7, 12, 13 and 18, which is a granite stone, 18 x 12 x 6 ins., marked 2 notches on N., and 4 notches on S. edge. Cor. is firmly set and unwitnessed. I destroy this cor., and set the old stone monument alongside of cor. of secs. 12 and 13.

40.00 Set an iron post, 3' ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., sec. 7 only, with brass cap marked

Chains

1

S 7

1925

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high E. of cor. Deposit a quart of glass at base of monument.

47.58 Northing of 40.00 chs. from cor. of secs. 12 and 13. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor., sec. 12 only, with brass cap marked

1

S12

✓

1925

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high W. of cor. Deposit a quart of glass at base of monument.

48.30 Fall 30 lks. W. of the original ¼ sec. cor., bet. secs. 7 and 12, which is a quartzite stone, 14 x 6 x 4 ins., marked ¼ on W. face, and firmly set in the ground. Cor. is unwitnessed. I destroy this cor., and set the stone monument alongside of ¼ sec. cor., sec. 12.

58.00 Top of low rise or ridge, brs. NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground for cor. of secs. 6 and 7 only, with brass cap marked

T8S

T8S

R17W

S12

S 6

S 7

R16W

1925

Dig pits, 18 x 18 x 12 ins., in each sec. 6 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high E. of cor. Deposit a quart of glass at base of monument.

Land, nearly level and slightly rolling.

Soil, hard sandy and gravelly clay.

Undergrowth, scattered greasewood.

3000

North, on W. bdy. of sec. 6, on resurvey line.

Over slightly rolling land, through scattered growth of greasewood.

7.58 Northing of 80.00 chs. from cor. of secs. 12 and 13.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground for cor. of secs. 1 and 12 only, with brass cap marked

T8S	
S 1	T8S ✓
S12	R16W
R17W	S 6

1925

Dig pits, 18 x 18 x 12 ins., in each sec. 6 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high W. of cor.

8.35 Fall 32 lks. W. of the original cor. of secs. 1, 6, 7 and 12, which is a limestone, 12 x 6 x 2 ins., marked 1 groove on N., and 5 grooves on S. face, Cor. is firmly set and unwitnessed. I destroy this cor., and set stone monument alongside of cor. of secs. 1 and 12.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor., sec. 6 only, with brass cap marked

1925

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high W. of cor. Deposit a quart of glass at base of monument.

47.58 Northing of 40.00 chs. from cor. of secs. 1 and 12.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor., sec. 1 only, with brass cap marked

Chains

entire

S 1

1925

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high W. of cor. Deposit a quart of glass at base of monument.

48.44 Fall 33 lks. W. of the original ¼ sec. cor., bet. secs. 1 and 6, which is quartzite stone, 5 x 4 x 3 ins., marked ¼ on W. face, and firmly set in the ground. Cor. is unwitnessed. I destroy this ¼ sec. cor., and set the old stone monument alongside of ¼ sec. cor., sec. 1.

70.00 Leave rolling land and greasewood, enter alkali flat and scattered salt grass and hummocks, NW. and S. 15° E.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 26 ins. in the ground for cor. of Ts. 7 and 8 S., Rs. 16 and 17 W., with brass cap marked

T7S	
R17W	R16W
S36	S31
S 1	S 6
T8S	

1925

Dig pits, 18 x 18 x 12 ins., on each line, N., E. and W. 4 ft., and S. of cor. 8 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high S. of cor. Deposit a quart of glass at base of monument.

Land, slightly rolling and level alkali flat.

Soil, of rolling land, hard sandy clay and on alkali flat, wet, heavy, sticky clay.

Undergrowth, scattered growth of greasewood on portion of mile, and scattered growth of salt grass on portion of mile.

From this Tp. cor., the original cor. of Ts. 7 and 8 S., Rs. 16 and 17 W., brs. N. 2° 15' E., 8.72 chs. dist.

This cor. is a cobble rock, 14 x 6 x 6 ins., marked 6 notches on N., S., E. and W. edges. I destroy this cor., and set stone monument alongside Tp. cor.

From the cor. of Ts. 7 and 8 S., Rs. 16 and 17 W.,

Thence

North, bet. secs. 31 and 36, along W. bdy. of T. 7 S.,  
R. 16 W., on resurvey line.

Over level alkali flat, through hummocks covered with  
salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 36 on W., and  
S 31 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.  
dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft.  
high W. of cor.

48.83 Fall 36 lks. W. of the original  $\frac{1}{4}$  sec. cor. bet. secs.  
31 and 36, which is a cobble rock, 10 x 6 x 5 ins.,  
marked  $\frac{1}{4}$  on W., face and firmly set in the ground.  
Cor. is unwitnessed. I destroy this  $\frac{1}{4}$  sec. cor., and  
set the old stone monument alongside of  $\frac{1}{4}$  sec. cor.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 25, 30, 31 and 36,  
marked

T7SS30 on NE.,  
R16WS31 on SE.,  
S36 on SW., and  
R17WS25 on NW. face; 1 notch on S., and  
5 notches on N. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high  
W. of cor. Deposit a quart of glass at base of  
monument.

Land, level alkali flat, surface broken by hummocks.

Soil, wet, heavy, sticky clay.

Medium growth of salt grass.

North, bet. secs. 25 and 30, on resurvey line.

Over level alkali flats, through scattered hummocks  
covered with salt grass.

8.95 Fall 39 lks. W. of the original cor. of secs. 25, 30,

# INDEPENDENT RESURVEY OF

WEST BOUNDARY OF T. 7 S., R. 16 W.

- Chains 31 and 36, which is a granite stone, 12 x 9 x 8 ins., marked 1 notch on S., and 5 notches on N. edge. Cor. is firmly set in ground and witnessed. I destroy this cor., and set the old stone monument alongside of cor. of secs. 25, 30, 31 and 36.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S 25 on W., and  
S 30 on E. face.
- Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of stone,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base of monument.
- Cor. stands on S. exposure of large hummock.
- 49.07 Fall 41 lks. W. of the original  $\frac{1}{4}$  sec. cor., which is a granite stone, 15 x 8 x 6 ins., marked  $\frac{1}{4}$  on W. face, and firmly set in the ground. Cor is unwitnessed. I destroy this  $\frac{1}{4}$  sec. cor., and set the old stone monument alongside of  $\frac{1}{4}$  sec. cor.
- 50.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 19, 24, 25 and 30, marked  
T7SS19 on NE.,  
R16WS30 on SE.,  
S25 on SW., and  
R17WS24 on NW. face, with 4 notches on N., and 2 notches on S. edge.
- Dig pits, 18 x 18 x 12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.
- Land, level alkali flat; surface broken by scattered hummocks.
- Soil, wet, heavy, sticky clay.
- Undergrowth, scattered salt grass.

North, bet. secs. 19 and 24, on resurvey line.

Over level alkali flat, through scattered hummocks; no vegetations.

9.19 Fall 43 lks. W. of the original cor. of secs. 19, 24, 25 and 30, which is a quartzite stone, 14 x 8 x 6 ins., firmly set in the ground and marked 4 notches on N., and 2 notches on S. edge. Cor. is witnessed by faint traces of pits and mound of earth. I destroy this cor., and set the old stone monument alongside of cor. of secs. 19, 24, 25 and 30.

10.00 Leave scattered hummocks, brs. NW. and SE.

48.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  S 24 on W., and S. 19 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base of monument.

49.31 Fall 45 lks. W. of the original  $\frac{1}{4}$  sec. cor., which is a quartzite stone, 12 x 4 x 4 ins., firmly set in the ground and marked  $\frac{1}{4}$  on W. face. Cor. is witnessed by traces of pits and mound of earth. I destroy this  $\frac{1}{4}$  sec. cor., and set the old stone monument alongside of  $\frac{1}{4}$  sec. cor. secs. 19 and 24.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 13, 18, 19 and 24, marked

T7SS18 on NE.,  
R16WS19 on SE.,  
S24 on SW., and  
R17WS13 on NW. face; 3 notches on N. and S. edges.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat; surface broken by hummocks on portion of mile.



INDEPENDENT RESURVEY OF  
WEST BOUNDARY OF T. 7 S., R. 16 W.

Chains	
	<p>Soil, dark, wet, heavy, sticky clay.</p> <p>No vegetation.</p> <hr/> <p>North, bet. secs. 13 and 18, on resurvey line.</p> <p>Over level alkali flat, void of vegetation.</p>
9.43	<p>Fall 48 lks. W. of the original cor. of secs. 13, 18, 19 and 24, which is a granite stone, 14 x 8 x 6 ins., firmly set in the ground and marked 3 notches on N. and S. edges. Cor. is witnessed by faint traces of pits and mound of earth. I destroy this sec. cor., and set the old stone monument alongside of cor. of secs. 13, 18, 19 and 24.</p>
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., marked</p> <p style="padding-left: 40px;">S 13 on W., and S 18 on E. face.</p> <p>Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high W. of cor. Deposit a quart of glass at base of monument.</p>
49.55	<p>Fall 50 lks. W. of the original <math>\frac{1}{4}</math> sec. cor., which is a granite stone, 12 x 8 x 4 ins., firmly set in the ground and marked <math>\frac{1}{4}</math> on W. face. Cor. is witnessed by faint traces of pits and mound of earth. I destroy this <math>\frac{1}{4}</math> sec. cor., and set the old stone monument alongside of <math>\frac{1}{4}</math> sec. cor.</p>
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 7, 12, 13 and 18, marked</p> <p style="padding-left: 40px;">T7SS7 on NE., R16WS18 on SE., S13 on SW., and R17WS12 on NW. face, with 2 notches on N., and 4 notches on S. edge.</p> <p>Dig pits, 18 x 18 x 12 ins., in each sec., 5<math>\frac{1}{2}</math> ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.</p>

Soil, dark, moist, heavy, silty clay. No vegetation.

North between sec. 17 and 18, on resurvey line.

Overlaid alkali flat, void of vegetation.

49.67 Fall 52 lks. W. of the original cor. of secs. 7, 12, and 13 and 18, which is a granite stone, 12 x 12 x 5 ins., firmly set in the ground and marked 2 notches on N., and 4 notches on S. edge. Cor. is witnessed by faint traces of pits and mound of earth. I destroy this cor., and set the old stone monument alongside of cor. of secs. 7, 12, 13 and 18.

49.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 12 on W., and  
S 7 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base of monument.

49.79 Fall 54 lks. W. of the original  $\frac{1}{4}$  sec. cor., which is a granite stone, 12 x 8 x 5 ins., firmly set in the ground, marked  $\frac{1}{4}$  on W. face, and witnessed by faint of pits and mound of earth. I destroy this cor., and set the old stone monument alongside of  $\frac{1}{4}$  sec. cor. of secs. 7 and 12.

80.00 Set a fir post, 3 ft. long, 2 ins. square, 26 ins. in the ground for cor. of secs. 1, 6, 7 and 12, marked

R16WS6 on NE.,  
R16WS7 on SE.,  
R16WS8 on SW., and  
R17WS1 on NW. face, with 1 notch on N., and 5 notches on S. edge.

80.12 Dig pits, 18 x 18 x 12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high. Deposit a quart of glass at base of monument.

Chains

an Lch

Land, level alkali flats, void of vegetation.  
 Soil, dark, wet, heavy, sticky clay.  
 No vegetation.

North, bet. secs. 1 and 6, on resurvey line.

Over level alkali flats void of vegetation.

9.91 Fall 56 lks. W. of the original cor. of secs. 1, 6, 7 and 12, which is a granite stone, 24, x 12 x 4 ins., firmly set in the ground and marked 1 notch on N., and 5 notches on S. edge. Cor. is witnessed by faint traces of pits and mound of earth. I destroy this sec. cor., and set the old stone monument alongside of cor. of secs. 1, 6, 7 and 12.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for sec. cor., marked

T 6 S 1 on N., and,  
 S 6 on E., face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high W. of cor. Deposit a quart of glass at base of monument.

No evidence of the original sec. cor. found.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of Ts. 6 and 7 S., Rs. 16 and 17 W., marked

T6SS31 on NE.,  
 R16WS6 on SE.,  
 T7SS1 on SW., and  
 R17WS36 on NW. face, with 6 notches on N., S., E., and W. edges.

Dig pits, 18 x 18 x 12 ins., on each line, N., E. and W., 3 ft. dist., and S. of post, 7 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high S. of cor. Deposit a quart of glass at base of monument.

From this cor., the original cor. of Ts. 6 and 7 S., Rs. 16 and 17 W., which is a quartzite stone, 18 x 12 x 8 ins., firmly set in the ground and marked 6 notches on N., S., E., and W. edges, and witnessed by faint

INDEPENDENT RESURVEY OF  
WEST BOUNDARY OF T. 2 S., R. 16 W.

traces on pits and mound of earth, bears N.  $3^{\circ} 12' E.$ ,  
10.17 chs. dist. I destroy this old  $\frac{1}{4}$  sec. cor., and  
set the stone monument alongside of cor. of Ts. 6 and  
7 S., Rs. 16 and 17 W.

From the cor. of Ts. 6 and 7 S., Rs. 16 and 17 W.,  
the highest point of Dutch mountain brs. S.  $75^{\circ} 12' W.$ ;  
and the water tank at Garrison siding, brs. N.  $82^{\circ}$   
 $13' W.$

Land, level alkali flat, covered with thin crust of  
salt.

Soil, wet, heavy, sticky clay, saturated with mineral.  
No vegetation.

INDEPENDENT RESURVEY OF  
WEST BOUNDARY OF T. 6 S., R. 16 W.

From the cor. of Ts. 6 and 7 S., Rs. 16 and 17 W.

North, bet. secs. 31 and 36, on resurvey line.

Over level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 36 on W., and  
S 31 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.  
dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base, 1  
ft. high W. of cor. Deposit a quart of glass at  
base of monument.

50.27 Fall 60 lks. W. of the original  $\frac{1}{4}$  sec. cor., which is  
a quartzite, 12 x 7 x 6 ins., firmly set in the  
ground. No marks visible on stone. Cor. is witnessed  
by faint traces of pits and mound of earth. I destroy  
this cor., and set the old stone alongside of  $\frac{1}{4}$  sec.  
cor. secs. 31 and 36.

63.00 Low sand rise, brs. NW. and SE.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 25, 30, 31 and 36,  
marked

Chains

168320 on NW. face, with 5 notches on N. edge,  
 R16W831 on SE.,  
 836 on SE. and 1 notch on S. edge.  
 R17W825 on NW. face, with 5 notches on N. edge,  
 1 notch on S. edge.

Dig pits 18x18x12 ins. in each sec. 5 ft. dist., and  
 raise a mound of earth, 4 ft. base, 2 ft. high W. of cor.  
 Deposit a quart of glass at base of monument.

Land, level alkali flat, with few small sandy rises.

Soil, dark, damp, sandy clay. No vegetation

North, bet. secs. 25 and 30, on resurvey line.

Over level alkali flat, void of vegetation.

7.50 S. edge of low sandy rise, brs. N. 60°W., and S. 60°E.,

10.39 Fall 62 lks. W. of the original cor. of secs. 25, 30,  
 31 and 36, which is a granite stone, 15 x 10 x 8 ins.,  
 firmly set in the ground and marked 5 notches on N.,  
 and 1 notch on S. edge. Cor. is witnessed by faint  
 traces of pits and mound of earth. I destroy this  
 cor., and set the old stone monument alongside of  
 cor. of secs. 25, 30, 31 and 36.

11.00 N. side of sandy rise, brs. NW. and SE.; thence over  
 alkali flat.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S 25 on W., and  
 $\frac{1}{4}$  S 30 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.  
 dist., and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$   
 ft. high W. of cor. Deposit a quart of glass at base  
 of monument.

Cor. stands at W. side of sandy rise, brs. N. and S.;  
 thence along W. side of rise.

50.51 Fall 64 lks. W. of the original  $\frac{1}{4}$  sec. cor., which is  
 a granite stone, 15 x 8 x 6 ins., firmly set in the  
 ground and marked  $\frac{1}{4}$  on W. face. Cor. is witnessed  
 by faint traces of pits and mound of earth. I destroy  
 this  $\frac{1}{4}$  sec. cor., and set the old stone monument  
 alongside of  $\frac{1}{4}$  sec. cor., brs. 25 and 30.

80.00 On W. side of sandy rise,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 19, 24, 25 and 30,

marked as follows:

T68819 on NE.,

R16WS30 on SE.,

R25 on SW., and

R17WS24 on NW. face; 4 notches on N., and 2 notches on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, level level alkali flat, with few small sandy rises.

Soil, wet, sandy clay.

No vegetation.

North, bet. secs. 19 and 24, on resurvey line.

Over alkali flat, along W. side of low sandy rise.

1.00 Leave sandy rise, brs. S., and NE.

10.63 Fall 67 lks. W. of the original cor. of secs. 19, 24, 25 and 30, which is a granite, 15 x 8 x 6 ins., firmly set in the ground and marked 4 notches on N., and 2 notches on S. edge. Cor. is witnessed by faint traces of pits, and mound of earth. I destroy this cor., and set the old stone monument alongside of cor. of secs. 19, 24, 25 and 30.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for ¼ sec. cor., marked

¼ S 24 on W., and  
S 19 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.

dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high W. of cor. Deposit a quart of glass at base of monument.

50.75 Fall 69 lks. W. of the original ¼ sec. cor., which is a granite stone, 12 x 8 x 6 ins., firmly set in the ground, and marked 4 on W. face. Cor. is witnessed

Chains

By traces of pits and mound of earth at cor. of this 1/4 sec. correspond to the old corner monument alongside of 1/4 sec. cor., secs. 19 and 24.

70.00 Small rise, brs. W. about 10.00 chs.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 13, 18, 19 and 24, marked

T6SS18 on NE.,  
R16WS19 on SE.,  
S24 on SW., and  
R17WS13 on NW. face; 3 notches on N. and S., edges.

Dig pits, 18 x 18 x 12 ins., in each sec., 5 1/2 ft. dist. and raise a mound of earth, 3 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat and small sandy rises.  
Soil, damp, heavy sandy clay.  
No vegetation.  
No evidence of the original sec. cor. found.

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North, bet. secs. 13 and 18, on resurvey line.

Over level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for 1/4 sec. cor., marked

1/4 S 13 on W., and  
S 18 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high W. of cor. Deposit a quart of glass at base of monument.

No evidence of the original 1/4 sec. cor. found.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 7, 12, 13 and 18, marked

T6SS7 on NE.,  
R16WS18 on SE.,  
S13 on SW., and  
R17WS12 on NW. face; 2 notches on N. and S., edges.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.,

and raise a mound of earth, 4 ft. base, 2 ft. high

W. of cor. Deposit a quart of glass at base of

monument.

No evidence of the original sec. cor. found.

Land, level alkali flat.

Soil, wet, heavy, sticky clay.

No vegetation.

North, bet. secs. 7 and 12, on resurvey line.

Over level alkali flat, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for ¼ sec. cor., marked

¼ S 12 on W., and

S 7 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.

dist., and raise a mound of earth, 3½ ft. base, 1½

ft. high W. of cor. Deposit a quart of glass at base

of monument.

Fall 75 lks. W. of the original ¼ sec. cor., which is

a quartzite, 12 x 7 x 6 ins., firmly set in the

ground and marked ¼ on W. face. Cor. is witnessed

by traces of pits and mound of earth. I destroy

this cor., and set the old stone monument alongside

of ¼ sec. cor. bet. secs. 7 and 12.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for cor. of secs. 1, 6, 7 and 12, marked

T6SS6 on NE.,

RL6WS7 on SE.,

S12 on SW., and

RL7WS1 on NW., face; 1 notch on E., and

5 notches on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.,

and raise a mound of earth, 4 ft. base, 2 ft. high

W. of cor. Deposit a quart of glass at base of

monument.

Land, level alkali flat.

Soil, dark, wet, sticky clay.

No vegetation.



**Chains**

- North, along E. line, and see high monument
- Over level alkali flat, void of vegetation, except
- 11.25 Fall 77 E. W. of the original cor. of sec. 1, 6, 7, and 12, which is a quartzite, 12 x 8 x 6 ins., firmly set and marked 1 notch on N., and 5 notches on S. edge. I destroy this cor., and set the old stone monument alongside of cor. of sec. 1, 6, 7, and 12.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked
- S1 on W., and  
S6 on E. face.
- Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base, 1 ft. high W. of cor. Deposit a quart of glass at base of monument. No evidence of original  $\frac{1}{4}$  sec. cor found.
- 80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of Ts. 5 and 6 S., R. 16 W., only, marked
- T5SR16WS31 on NE., and  
T6SR16WS6 on SE. face; 6 notches on N., E., and S. edges.
- Dig pits, 18 x 18 x 12 ins., on each line, N. and S., 3 ft., and E. of post, 7 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high E. of cor. Deposit a quart of glass at base of monument.
- 91.27 Intersect E. and W. line, 53.05 chs. E., of the cor. of T. 5 S., Rs. 16 and 17 W.
- At point of intersection
- Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for NE. cor. of T. 6 S., R. 17 W., marked
- T6SR16WS31 on NE.,  
S31 on SE.,  
T6SR17WS1 on SW., and  
S31 on NW. face, with 6 notches on S. and W. edges.
- Dig pits, 18 x 18 x 12 ins., on each line, S. and W. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base, 1 ft. high S. of cor. Deposit a quart of glass at base of monument.

No evidence of the original closing cor. of T. 6 S.,  
R. 16 and 17 W. was found.

Land, level alkali flat.

Soil, wet, heavy, sticky clay.

No vegetation.

For general description of lines resurveyed see end

of notes.

### WEST BOUNDARY OF T. 8 S., R. 14 W.

From the standard cor. of T. 8 S., Rs. 14 and 15 W.,  
for description of which see the field notes of the

2nd. Auxilliary Standard Parallel S., through R. 14W.

Thence

North, bet. secs. 31 and 36.

Over nearly level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 36 on N., and  
S 31 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.

dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$

ft. high W. of cor. Deposit a quart of glass at base  
of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 25, 30, 31 and 36,  
marked

T8SS30 on NE.,

R14WS31 on SE.,

R15WS36 on SW., and

S25 on NW. face, with 5 notches on N., and  
1 notch on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.,

and raise a mound of earth, 4 ft. base, 2 ft. high

W. of cor. Deposit a quart of glass at base of  
monument.

Land, nearly level alkali flat.

Soil, heavy, damp, sandy clay.

No vegetation.

# WEST BOUNDARY OF T. 8 S., R. 14 W.

Chains

unlabeled

North, bet. secs. 25 and 30.

Over nearly level clay flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 25 on W., and  
S 30 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 19, 24, 25 and 30, marked

T8SS19 on NE.,  
R14WS30 on SE.,  
R15WS25 on SW., and  
S 24 on NW. face, with 4 notches on N., and  
2 notches on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level clay flat.

Soil, hard, gray clay.

No vegetation.

North, bet. secs. 19 and 24.

Over nearly level clay flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 24 on W., and  
S 19 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 13, 18, 19 and 24,

unlabeled

marked

T8SS18 on NE.,  
R14WS19 on SE.,  
R15WS24 on SW., and  
S13 on NW. face; 3 notches on N. and S. edges.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.  
and raise a mound of earth, 4 ft. base, 2 ft. high  
W. of cor. Deposit a quart of glass at base of  
monument.

Land, nearly level flat.

Soil, heavy, damp, clay.

No vegetation.

North, bet. secs. 13 and 18.

Over nearly level alkali flat, void of vegetation.

34.60 Center of Lincoln Highway, brs. N. 73°50'E., and S. 73°  
50°W.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for ¼ sec. cor., marked  
¼ S 13 on W., and  
S 18 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.  
dist., and raise a mound of earth, 3½ ft. base, 1½  
ft. high W. of cor. Deposit a quart of glass at base  
of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 7, 12, 13 and 18,  
marked

T8SS7 on NE.,  
R14WS18 on SE.,  
R15WS13 on SW., and  
S12 on NW. face; 2 notches on N., and  
4 notches on S., edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high  
W. of cor. Deposit a quart of glass at base of  
monument.

Land, nearly level alkali flat.

Soil, wet, heavy, sticky clay.

No vegetation.

Chains

North, bet. secs. 4 and 12.

Over nearly level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S 12 on W., and  
 S 7 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 1, 6, 7 and 12, marked

T8SS6 on NE.,  
 R14WS7 on SE.,  
 R15WS12 on SW., and  
 S 1 on NW. face, with 1 notch on N., and  
 5 notches on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay.

No vegetations

North, bet. secs. 1 and 6.

Over nearly level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 1 on W., and  
 S 6 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 1, 6, 7 and 12, marked  
 W., marked

R14WS6 on SE.,  
T8S36 on SW. and  
R15WS36 on NW. face; 6 notches on N., S. E.,  
and W. edges.

Dig pits, 18 x 18 x 12 ins., on each line, N., E. and  
W., 3 ft., and S. of post, 7 ft. dist.; raise a

mound of earth, 4 ft. base, 2 ft. high S. of cor.

Deposit a quart of glass at base of monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay.

No vegetation.

General description is at end of this book of notes.

# NORTH BOUNDARY OF T. 8 S., R. 14 W.

From the cor. of Ts. 7 and 8 S., Rs. 13 and 14 W., for  
description of which see the field notes of Third  
Guide Mer. W., through T. 8 S., between Rs. 13 and  
14 W.; thence

West, on random line along the N. bdy. of T. 8 S., R.  
14 W., setting temp. 4 sec. and sec. cors. at intervals  
of 40.00 chs., and at 479.27 chs., intersect N. and S.  
line, 24 lks. N. of the cor. of Ts. 7 and 8 S., Rs.  
14 and 15 W. The falling answers to a correction of  
0° 02', or 4 lks. S. per mile, counting from the N.E.  
cor. of the Tp.; therefore

From the cor. of Ts. 7 and 8 S., Rs. 13 and 14 W.,  
S. 89° 58' W., bet. secs. 1 and 36.

Over nearly level alkali flat, through scattered  
hummocks and salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for 1/4 sec. cor., marked

1/4 S 36 on N., and  
S 1 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.  
dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2  
ft. high N. of cor. Deposit a quart of glass at base  
of monument.

Chains

80.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 2, 3, 34 and 35, marked  
T7SS36 on NE.,  
R14WS1 on SE.,  
T8SS2 on SW., and  
S35 on NW. face, 1 notch on E., and  
5 notches on W. edge.

Dig pits, 16 x 16 x 12 ins., in each sec.,  $3\frac{1}{2}$  ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high N. of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat; surface broken by scattered hummocks.

Scattered growth of salt grass on hummocks.

S.  $89^{\circ} 56' W.$ , bet. secs. 2 and 35.

Over nearly level alkali flat, through very scattered hummocks covered with salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 35 on N., and  
S 2 on S. face.

Dig pits, 16 x 16 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 2, 3, 34 and 35, marked

T7SS35 on NE.,  
R14WS2 on SE.,  
T8SS3 on SW., and  
S34 on NW. face, 2 notches on E., and  
4 notches on W. edge.

Dig pits, 16 x 16 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high N. of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat; surface slightly broken by scattered hummocks.

Soil, heavy, wet, sticky clay.  
Scattered growth of salt grass on hummocks.

S. 89° 58' W., bet. secs. 3 and 34.

Over nearly level alkali flat, through very scattered hummocks covered with salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 34 on N., and  
S 3 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 3, 4, 33 and 34, marked

T7SS34 on NE.,  
R14WS3 on SE.,  
T8SS4 on SW., and  
S 33 on NW. face; 3 notches on N. and W. edges.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat; surface slightly broken by a few scattered hummocks.

Scattered growth of salt grass on hummocks.

S. 89° 58' W., bet. secs. 4 and 33.

Over nearly level alkali flat, through a few scattered hummocks and salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 33 on N., and  
S 4 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high N. of cor.

Leave scattered hummocks, soil becomes wet.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in



Chains

ended

the ground for cor. of secs. 4, 5, 31 and 32, marked

T7SS33 on NE.,  
R14WS4 on SE.,  
T8SS5 on SW., and  
S32 on NW., face; 4 notches on E., and  
2 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.  
and raise a mound of earth, 4 ft. base, 2 ft. high  
W. of cor. Deposit a quart of glass at base of  
monument.

Land, nearly level alkali flat; surface of E.  $\frac{1}{2}$  mile  
slightly broken by scattered hummocks.  
Soil, heavy, wet, sticky clay.  
Scattered growth of salt grass on hummocks on E. half  
mile.

S.  $89^{\circ} 58' W.$ , bet. secs. 5 and 32.

Over nearly level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for 4 sec. cor., marked

S 32 on N., and  
S 5 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.  
dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft.  
high W. of cor. Deposit a quart of glass at base of  
monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 5, 6, 31 and 32, marked

T7SS32 on NE.,  
R14WS5 on SE.,  
T8SS6 on SW., and  
S31 on NW., face, with 5 notches on E., and  
1 notch on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high  
W. of cor. Deposit a quart of glass at base of  
monument.

Land, nearly level alkali flat.

Soil, heavy, wet, dark, sticky clay, saturated with  
mineral.

No vegetation.

00.00

S. 89° 58' W., bet. secs. 6 and 31.

Over nearly level alkali flat, void of vegetation.

10.00

Enter very scattered salt grass.

40.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 31 on N., and  
S 6 on S. face.

Dig pits, 16 x 18 x 12 ins., E. and W. of post, 3 ft.

dist., and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$

ft. high N. of cor. Deposit a quart of glass at base  
of monument.

60.00

Leave scattered salt grass.

79.27

The cor. of T. 7 and 8 S., R. 14 and 15 W.

Land, nearly level alkali flat.

Soil, dark, heavy, wet, sticky clay.

Scattered growth of salt grass on portion of mile.

WEST BOUNDARY OF T. 8 S., R. 15 W.

From the standard cor. of T. 8 S., R. 15 and 16 W.,  
for description of which see the field notes of the  
Second Auxiliary Standard Parallel S., through R.  
15 W.; thence

North, bet. secs. 31 and 36.

Over nearly level alkali flat, void of vegetation.

40.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 36 on N., and  
S 31 on E. face.

Dig pits, 16 x 18 x 12 ins., N. and S. of post, 3 ft.

dist., and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$

ft. high W. of cor. Deposit a quart of glass at  
base of monument.

80.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 25, 30, 31 and 36,  
marked

WEST BOUNDARY OF T. 8 S., R. 15 W.

Chains

201120

T8SS30 on NE.,  
 A15WS31 on SE.,  
 A16WS36 on SW., and  
 S25 on NW. face; 5 notches on N., and  
 1 notch on S. edge.

Big pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.  
 and raise a mound of earth, 4 ft. base, 2 ft. high  
 W. of cor. Deposit a quart of glass at base of  
 monument.

Land, nearly level alkali flat.

Soil, heavy, damp, light clay.

No vegetation.

North, bet. secs. 25 and 30.

Over nearly level alkali flat, void of vegetation.

41.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
 the ground for 4 sec. cor., marked

4 S 25 on W., and  
 S 30 on N. face.

Big pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.  
 dist., and raise a mound of earth, 3½ ft. base, 1½  
 ft. high W. of cor. Deposit a quart of glass at base  
 of monument.

56.00 Center of Lincoln Highway, brs. N. 73°50'E., and  
 S. 73°50'W.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
 the ground for cor. of secs. 19, 24, 25 and 30,  
 marked

T8SS19 on NE.,  
 A15WS30 on SE.,  
 A16WS25 on SW., and  
 S 24 on NW. face, with 4 notches on N., and  
 2 notches on S. edge.

Big pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.,  
 and raise a mound of earth, 4 ft. base, 2 ft. high  
 W. of cor. Deposit a quart of glass at base of  
 monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay.

No vegetation.

North, bet. secs. 19 and 24.

Location

Over nearly level alkali flat, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for sec. cor., marked

to S 24 on W. and S 19 on E. face

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.

dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high W. of cor. Deposit a quart of glass at base of monument.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 13, 18, 19 and 24, marked

T8SS18 on NE.,  
R15WS19 on SE.,  
R16WS24 on SW., and  
S 13 on NW. face; 3 notches on N. and S.

edges.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.

and raise a mound of earth, 4 ft. base, 2 ft. high

W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay.

No vegetation.

North, bet. secs. 13 and 18.

Over nearly level alkali flat, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for ¼ sec. cor., marked

¼ S 13 on W., and  
S 18 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.

dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high W. of cor. Deposit a quart of glass at base of monument.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 7, 12, 13 and 18,

Chains

marked

TESS7 on NE., level glass zero  
R15WS16 on SE.,  
R16WS13 on SW., and  
S12 on NW. face; 2 notches on N., and  
4 notches on S. edge.

Dig pits, 16 x 16 x 12 ins., in each sec., 5½ ft. dist.  
and raise a mound of earth, 4 ft. base, 2 ft. high  
W. of cor. Deposit a quart of glass at base of  
monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay.

No vegetation.

North, bet. secs. 7 and 12.

Over nearly level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for 4 sec. cor., marked  
S 12 on W., and  
S 7 on E. face.

Dig pits, 16 x 16 x 12 ins., N. and S. of post, 3 ft.  
dist., and raise a mound of earth, 3½ ft. base, 1½ ft.  
high W. of cor. Deposit a quart of glass at base of  
monument.

60.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 1, 6, 7 and 12, marked

TESS6 on NE.,  
R15WS7 on SE.,  
R16WS12 on SW., and  
S 1 on NW. face; 1 notch on N., and  
5 notches on S. edge.

Dig pits, 16 x 16 x 12 ins., in each sec., 5½ ft. dist.  
and raise a mound of earth, 4 ft. base, 2 ft. high  
W. of cor. Deposit a quart of glass at base of  
monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay.

No vegetation.

Over nearly level alkali flat, void of vegetation.

Sl 1 on W., and  
Sl 6 on E. face.

80-60 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of Ts. 7 and 8 S., Rs. 15 and 16 W., marked

R15WS6 on SE.,

12WS36 on SW.,  
T8881 on SW., and  
R16WS36 on NW., **face**; 6 notches on N., S., E.  
and W. edges.

Land, nearly level alkali flat..

Soil, heavy, wet, sticky clay, saturated with mineral;  
water is found two inches under surface.

No vegetation.

NORTH BOUNDARY OF T. 8 S., R. 15 W.

From the cor. of Ts. 7 and 8 S., Rs. 14 and 15 W.,

## Thence

West, on random line along N. bdy. of T. 8 S., R. 15 W.,

setting temp.  $\pm$  sec. and sec. cor., at intervals of

.37 c., 40.00 chs., and at 472.30 chs., intersect the cor. of

Rs. 27 and 86, Rs. 15 and 16 W. The course of this

and is bdy. therefore in West.

From the cor. of Ts. 7 and 8 S., Rs. 14 and 15 W.

West., betw. sec 35 and 36. 716, 7000 ft. 1906

Over nearly level alkali flat, void of vegetation.

Chains

40.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked T7SS36 on NE., R15WS1 on SE., T8SS2 on SW., and S 35 on NW. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 5 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor. Deposit a quart of charcoal at base of monument.

72.00

Enter very scattered salt grass.

80.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 1, 2, 35 and 36, marked

T7SS36 on NE.,  
R15WS1 on SE.,  
T8SS2 on SW., and  
S 35 on NW. face, with 1 notch on E., and  
5 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5 ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high N. of cor. Deposit a quart of charcoal at base of monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay; water is found 2 ins. below surface.

Scattered growth of salt grass on portion of mile.

West, bet. secs. 2 and 35.

Over nearly level alkali flat, through very scattered growth of salt grass.

24.00

Leave salt grass.

40.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked T7SS36 on NE., R15WS1 on SE., T8SS2 on SW., and S 35 on NW. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 5 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor. Deposit a quart of charcoal at base of monument.

80.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 1, 2, 35 and 36, marked

the ground for cor. of secs. 2, 3, 34 and 35, marked

T78835 on NE.,  
R15WS2 on SE.,  
T8883 on SW., and  
S34 on NW. face; 2 notches on E., and  
4 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high  
W. of cor. Deposit a quart of charcoal at base of  
monument.

Land, nearly level alkali flat.

Soil, dark, heavy, wet, sticky clay; water is found  
2 ins. below surface.

A scattered growth of grass on portion of mile.

West, bet. secs. 3 and 34.

Over nearly level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for ¼ sec. cor., marked

¼ S 34 on N., and  
S 3 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.  
dist., and raise a mound of earth, 3½ ft. base, 1½ ft.  
high N. of cor. Deposit a quart of charcoal at base  
of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 3, 4, 33 and 34, marked

T78834 on NE.,  
R15WS3 on SE.,  
T8884 on SW., and  
S33 on NW. face, with 3 notches on E. and  
W. edges.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high  
W. of cor. Deposit a quart of charcoal at base of  
monument.

Land, nearly level alkali flat.

Soil, dark, heavy, wet, sticky clay, saturated with  
mineral; water found 2 ins. below surface.

No vegetation.



Chains	
	West, bet. secs. 4 and 35. Over nearly level alkali flat, void of vegetation.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 33 on N., and S 4 on S. face. Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor. Deposit a quart of charcoal at base of monument.
60.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 4, 5, 32 and 33, marked T7SS33 on NE., R15WS4 on SE., T8SS5 on SW., and S32 on NW. face, with 4 notches on E., and 2 notches on W. edge. Dig pits, 18 x 18 x 12 ins., in each sec., $5\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high N. of cor. Deposit a quart of charcoal at base of monument. Land, nearly level alkali flat. Soil, dark, heavy, wet, sticky clay, saturated with mineral; water is found 2 ins. below surface. No vegetation.
	West, bet. secs. 5 and 32. Over nearly level alkali flat, void of vegetation.
40.00	Set a fir post, 4 ins. square, 3 ft. long, 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 32 on N., and S 5 on S. face. Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor. Deposit a quart of charcoal at base of monument.
80.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked

NORTH BOUNDARY OF T. 8 S., R. 15 W.

T7SS32 on NE. E. and S. face.  
R15WS5 on SE.,  
T8SS6 on SW., and  
S31 on NW. face; 5 notches on E., and 1  
notch on W. edge.

Dig pits, 18 x 18 or 12 ins., in each sec., 5½ ft. dist.  
and raise a mound of earth, 4 ft. base, 2 ft. high  
W. of cor.. Deposit a quart of charcoal at base of  
monument.

Land, nearly level alkali flat.

Soil, dark, heavy, wet, sticky clay, saturated with  
mineral.

No vegetation.

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West, bet. secs. 6 and 31..

Over nearly level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for a sec. cor., marked

† S 31 on N., and  
S 6 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.  
dist., and raise a mound of earth, 3½ ft. base, 1½ ft.  
high N. of cor. Deposit a quart of charcoal at base  
of monument.

79.30 The cor. of Ts. 7 and 8 S., Rs. 15 and 16 W.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay, saturated with mineral.

No vegetation.

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NORTH BOUNDARY OF T. 8 S., R. 16 W.

From the cor. of Ts. 7 and 8 S., Rs. 15 and 16 W.,

Thence

West, on a random line, along N. bdy. of T. 8 S., R.

16 W., setting temp. 4 sec. and sec. cors., at

intervals of 40.00 chs., and at 457.55 chs., intersect

N. and S. line, 14 lks. N. of the cor. of Ts. 7 and 8 S.

Rs. 16 and 17 W. The falling answers to a correction of

Chains

0° 01'., or 82 1/2 the 2nd meridian, ...  
cor. of Tp.; therefore the low ... vegetation ...

From cor. of Ts. 7 and 8 S., ...  
S. 89° 59' W., bet. sec. 31 and 32, ...

Over nearly level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 36 ins. in  
the ground for 1/4 sec. cor., marked  
1/4 S 36 on N., and  
S 1 on S. face.  
Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.  
dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft.  
high N. of cor. Deposit a quart of glass at base of  
monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 36 ins. in  
the ground for cor. of secs. 1, 2, 35 and 36, marked  
T7SS36 on NE.,  
R16WS1 on SE.,  
T8SS2 on SW., and  
S35 on NW. face; 1 notch on E., and  
5 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5 1/2 ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high  
W. of cor. Deposit a quart of glass at base of  
monument.

Land, nearly level alkali flat.

Soil, dark, heavy, wet, sticky clay, saturated with  
mineral.

No vegetation.

S. 89° 59' W., bet. sec. 2 and 35.

Over nearly level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 36 ins. in  
the ground for 1/4 sec. cor., marked  
1/4 S 35 on N., and  
S 2 on S. face.  
Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.  
dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2  
ft. high N. of cor. Deposit a quart of glass at base of  
monument.

of monument.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 2, 3, 34 and 35, marked

T7SS35 on NE.,  
R16WS2 on SE.,  
T8SS3 on SW., and  
S34 on NW., face; with 2 notches on E., and  
4 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat.

Soil, dark, heavy, wet, sticky clay, saturated with mineral.

No vegetation.

S. 89° 59' W., bet. secs. 3 and 34.

Over nearly level alkali flat, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for 4 sec. cor., marked

S 34 on E., and  
S 3 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high W. of cor. Deposit a quart of glass at base of monument.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 3, 4, 33 and 34, marked

T7SS34 on NE.,  
R16WS3 on SE.,  
T8SS4 on SW., and  
S33 on NW., face; with 3 notches on E. and  
W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat.

Soil, dark, heavy, wet, sticky clay.

No vegetation

NORTH BOUNDARY OF T. 8 S., R. 16 W.

Chains	
	<p>S. 89° 59' W., bet. secs. 4 and 33, <span style="float: right;">EN 1280</span></p> <p>Over nearly level alkali flat, void of vegetation.</p> <p>40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., marked</p> <p style="padding-left: 40px;">S 33 on N., and S 4 on S. face.</p> <p>Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high N. of cor. Deposit a quart of glass at base of monument.</p> <p>Enter scattered hummocks covered with salt grass, brs. N. and S.</p>
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 4, 5, 32 and 33, marked</p> <p style="padding-left: 40px;">T7SS33 on NE., R16WS4 on SE., T8SS5 on SW., and S 32 on NW. face, with 4 notches on E., and 2 notches on W. edge.</p> <p>Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.</p> <p>Land, nearly level alkali flat; surface slightly broken on W. half mile by scattered sandy hummocks.</p> <p>Soil, dark, heavy, wet, sticky clay.</p> <p>Undergrowth, scattered salt grass on hummocks.</p>
40.00	<p>S. 89° 59' W., bet. secs. 5 and 32.</p> <p>Over nearly level alkali flat, through a few scattered hummocks covered with salt grass.</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., marked</p> <p style="padding-left: 40px;">S 32 on N., and S 5 on S. face.</p> <p>Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high N. of cor. Deposit a quart of glass at base of monument.</p>

65.00 Top of low sandy rise, brs. N. 40°W., and S. 40°E.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked

T7SS32 on NE.,  
R16WS5 on SE.,  
T8SS6 on SW., and  
S31 on NW. face, with 5 notches on E., and  
1 notch on W. edge.

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Deposit a quart of glass at base of monument.

Land, nearly level alkali flat, surface slightly broken by scattered sandy hummocks.

Soil, dark, moist, sandy clay.

Undergrowth, scattered salt grass on hummocks.

S. 89° 59'W., bet. secs. 6 and 31.

Over nearly level alkali flat, through scattered sandy hummocks covered with salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for ¼ sec. cor., marked.

S31 on N., and  
S 6 on S. face.

Dig pits, 18 x 18 x 12 ins., 1. and 1. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high W. of cor. Deposit a quart of glass at base of monument.

57.55 The cor. of Ts. 7 and 8 S., R. 16 and 17 W.

Land, nearly level alkali flat; surface broken by scattered sand hummocks.

Soil, dark, moist, heavy sandy clay.

Undergrowth, salt grass on hummocks.

WEST BOUNDARY OF T. 7 S., R. 14 W.

From the cor. of Ts. 7 and 8 S., Rs. 14 and 15 W.

Thence

North, bet. secs. 31 and 36.

Over nearly level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for ¼ sec. cor., marked

Chains

$\frac{1}{4}$  S 36 on W., and S 31 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base of monument.

45.00 Enter, few scattered brush.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 25, 30, 31 and 36, marked

T7SS30 on NE.,  
R14WS31 on SE.,  
S36 on S., and  
R15WS25 on NW. face; 5 notches on N., and  
1 notch on S. edge..

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay, saturated with mineral; water found 2 ins. below surface.

Undergrowth, scattered salt grass on portion of mile.

North, bet. secs. 25 and 30.

Over nearly level alkali flat, through very scattered salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 25 on W., and  
S 30 on E. face,

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 19, 24, 25 and 30, marked

1914 W.

T78819 on NE. sec. 13, 18, 19 and 24.  
R14WS30 on SE.,

S25 on SW., and

R15WS24 on NW. face, with 4 notches on N., and  
2 notches on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.,

and raise a mound of earth; 4 ft. base, 2 ft. high

W. of cor. Deposit a quart of glass at base of  
monument.

Land, nearly level alkali flat.

Soil, wet, heavy, sticky, sandy clay.

Undergrowth, very scattered growth of salt grass.

North, bet. secs. 19, and 24.

Over nearly level alkali flat, through very scattered  
salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for ¼ sec. cor., marked

¼ S 24 on W., and  
S 19 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.

dist., and raise a mound of earth, 3½ ft. base, 1½

ft. high W. of cor. Deposit a quart of glass at base  
of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 13, 18, 19 and 24,  
marked

T78818 on NE.,

R14WS19 on SE.,

S24 on SW., and

R15WS13 on NW. face, with 3 notches on N. and  
S. edges.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.,

and raise a mound of earth, 4 ft. base, 2 ft. high

W. of cor. Deposit a quart of glass at base of

monument.

Land, nearly level alkali flat.

Soil, heavy, moist, sticky sandy clay.

Undergrowth, very scattered growth of salt grass.



Chains

North, bet. secs. 12 and 18.

Over nearly level alkali flat, through a scattered growth of salt grass.

5.00 Leave salt grass, brs. E. and W.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 13 on W., and  
S 18 on E. face.

Dig pits, 16 x 16 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base of monument.

6.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 7, 12, 13 and 18, marked

N7837 on NE.,  
N18WS18 on SE.,  
S13 on SW., and  
N18WS12 on NW face, with 2 notches on N., and  
4 notches on S. edge.

Dig pits, 16 x 16 x 12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high N. of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay.

Undergrowth, a scattered growth of salt grass on S.

5.00 chs. of mile, remaining portion of mile void of vegetation.

North, bet. secs. 7 and 12.

Over nearly level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked.

$\frac{1}{4}$  S 12 on W., and  
S 7 on E. face.

Dig pits, 16 x 16 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$

highways corner. Deposit a quart of glass at base

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 1, 6, 7 and 12, marked

T7886 on NE.,  
R14WS7 on SE.,  
S. 12 on SW., and  
R15WS1 on NW., face, with 1 notch on N., and  
5 notches on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5 1/2 ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high  
W. of cor. Deposit a quart of glass at base of  
monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay, saturated with mineral.  
No vegetation.

North, bet. secs. 1 and 6.

Over nearly level alkali flat, through very scattered  
growth of salt grass.

22.00 Leave salt grass, brs. N. and S.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for 1/2 sec. cor., marked

S. 1 on W., and  
S. 6 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.  
dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft.  
high W. of cor. Deposit a quart of glass at base of  
monument.

50.00 Enter, very scattered growth of salt grass.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of Ts. 6 and 7 S., Rs. 14 and 15  
W., marked

T69S31 on NE.,  
R14WS6 on SE.,  
T7881 on SW., and  
R15WS36 on NW face, with 6 notches on N., S.,  
E. and W. edges.

Dig pits, 18 x 18 x 12 ins., on each line, N., E. and  
W. 3 ft. dist., and S. of post, 7 ft. dist.; and

# WEST BOUNDARY OF T. 6 S., R. 14 W.

Chains

raise a mound of earth, 4 ft. base, 2 ft. high S. cor. Deposit a quart of glass at base of monument. Land, nearly level alkali flat. Soil, heavy, wet, sticky clay, saturated with mineral. Water found 2 ins. below surface. Undergrowth, very scattered growth of salt grass on portion of mile.

## NORTH BOUNDARY OF T. 7 S., R. 14 W.

From the cor. of Ts. 6 and 7 S., Rs. 13 and 14 W., for description of which see the field notes of Third Guide Mer. W., through T. 6 S., bet. Rs. 13 and 14 W. Thence

West on random line along N. bdy. of T. 7 S., R. 14 W., setting temp. 4 sec. and sec. cors., at intervals of 40.00 chs., and at 478.10 chs., intersect N. and S. line, 18 lks. S. of the cor. of Ts. 6 and 7 S., Rs. 14 and 15 W. The falling answers to a correction of  $0^{\circ} 01'$ , or 3 lks. N. per mile counting from the NE. cor. of Tp.; therefore I run from the cor. of Ts. 6 and 7 S., Rs. 13 and 14 W., N.  $89^{\circ} 59' W.$ , bet. secs. 1 and 36.

Over nearly level land, through very scattered growth of salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked.

$\frac{1}{4}$  S 36 on N., and  
S 1 on S. face

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 1, 2, 35 and 36, marked

Chains

44.00 T6SS36 on NE.,  
S 1 on SE.,  
T7SS2 on SW., and  
R14 WS35 on NW. face, with 1 notch on E., and  
5 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$ -ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high  
W. of cor. Deposit a quart of glass at base of  
monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sandy clay.

Undergrowth, a very scattered growth of salt grass.

N.  $89^{\circ} 59' W.$ , bet. secs. 2 and 35.

Over nearly level alkali flat, through a very scattered  
growth of salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 35 on N., and  
S 2 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.  
dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft.  
high N. of cor. Deposit a quart of glass at base of  
monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 2, 3, 34 and 35, marked

T6SS35 on NE.,  
S 2 on SE.,  
T7SS3 on SW., and  
R14 WS34 on NW. face, with 2 notches on E., and  
4 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high  
W. of cor. Deposit a quart of glass at base of  
monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky sandy clay.

Undergrowth, a very scattered growth of salt grass.

Chains

E. 89° 59' W., bet. secs. 3 and 33. 18  
Over nearly level alkali flat, through a very sparse  
growth of salt grass.

27.70 S. edge of sand dune, brs. N. 1½ chas and 18 ft. dist.

34.00 W. edge of sand dune.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for ¼ sec. cor., marked

† S 34 on N., and  
S 3 on S. face.

Dig pit, 18 x 18 x 12 ins., E. and W. of post, 3 ft.

dist., and raise a mound of earth, 3½ ft. base, 1½ ft.

high N. of cor. Deposit a quart of glass at base of  
monument.

50.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 3, 4, 33 and 34, marked

T6S34 on E.,  
S 3 on SE.,  
T7S34 on SW., and  
T14WS33 on NW. face, with 3 notches on E. and  
W. edges.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.,

and raise a mound of earth, 4 ft. base, 2 ft. high

N. of cor. Deposit a quart of glass at base of  
monument.

Land, nearly level alkali flat.

Soil, heavy sandy clay.

Undergrowth, a very scattered growth of salt grass.

E. 89° 59' W., bet. secs. 4 and 33.

Over nearly level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for ¼ sec. cor., marked

† S 33 on N., and  
S 4 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.

dist., and raise a mound of earth, 3½ ft. base, 1½ ft.

high N. of cor. Deposit a quart of glass at base of  
monument.

Enter very scattered growth of salt grass, brs. N. and S

Set a firepost, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 4, 5, 32 and 33, marked

T6SS33 on NE.,

S 4 on SE.,

T7SS5 on SW., and

R14WS32 on NW. face, with 4 notches on E., and 2 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec. 5½ ft. dist.,

and raise a mound of earth, 4 ft. base, 2 ft. high

W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat.

Soil, dark, heavy, wet, sticky clay, saturated with mineral.

Undergrowth, a very scattered growth of salt grass on portion of W. half-mile.

N. 89° 59' W., bet. secs. 5 and 32.

Over nearly level alkali flat, through a very scattered growth of salt grass.

16.00 Leave salt grass, brs. N. and S.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for ¼ sec. cor., marked

¼ S 32 on N., and

S 5 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.

dist., and raise a mound of earth, 3½ ft. base, 1½ ft.

high N. of cor. Deposit a quart of glass at base of monument.

48.00 Enter very scattered growth of salt grass, brs. N. and S

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for cor. of secs. 5, 6, 31 and 32, marked

T6SS32 on NE.,

S 5 on SE.,

T7SS6 on SW., and

R14WS31 on NW. face, with 5 notches on E., and 1 notch on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.,

NORTH BOUNDARY OF T. 7 S., R. 15 W.

Chains

and, raise a mound of earth, 4 ft. base, 2 ft. high  
W. of cor. Deposit a quart of glass at base of  
monument.  
Land, nearly level alkali flat.  
Soil, moist, heavy sandy clay.  
Undergrowth, a very scattered growth of salt grass on  
portions of mile.

N. 89° 59' W., bet. secs. 6 and 31.

Over nearly level alkali flat, through a very scattered  
growth of salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked  
S 31 on N., and  
S 6 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.  
dist., and raise a mound of earth, 3½ ft. base, 1½  
ft. high N. of cor. Deposit a quart of glass at base  
of monument.

78.10 The cor. of Ts. 6 and 7 S., Rs. 14 and 15 W.  
Land, nearly level alkali flat.  
Soil, dark, moist, sandy clay.  
Undergrowth, a very scattered growth of salt grass.

WEST BOUNDARY OF T. 7 S., R. 15 W.

From the cor. of Ts. 7 and 8 S., Rs. 15 and 16 W.,  
Thence

North, bet. secs. 31 and 36, along W. bdy. of Tp. 7 S.,  
R. 15 W.

Over nearly level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked  
S 36 on W., and  
S 31 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 25, 30, 31 and 36, marked

T7SS30 on NE.,  
R15WS31 on SE.,  
S 36 on SW., and  
R16WS25 on NW. face, with 5 notches on N., and 1 notch on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay; thin crust of salt on surface.

No vegetation.

North, bet. secs. 25 and 30.

Over nearly level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for 1/4 sec. cor., marked

1/4 S 25 on W., and  
1/4 S 30 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 19, 24, 25 and 30, marked

T7SS19 on NE.,  
R15WS30 on SE.,  
S 25 on SW., and  
R16WS24 on NW. face, with 4 notches on N., and 2 notches on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high



WEST BOUNDARY OF T. 7 S., R. 16 W.

Chains	extent
	<p>W. of cor. Deposit a quart of glass at base of monument.</p> <p>Land, nearly level alkali flat.</p> <p>Soil white, wet, sticky clay.</p> <p>No vegetation.</p> <hr/> <p>North, bet. secs. 19 and 24.</p> <p>Over nearly level alkali flat, void of vegetation.</p> <p>40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., marked</p> <p style="padding-left: 40px;"><math>\frac{1}{4}</math> S 24 on W., and S 19 on E. face.</p> <p>Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high W. of cor. Deposit a quart of glass at base of monument.</p> <p>40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 13, 18, 19 and 24, marked</p> <p style="padding-left: 40px;">T7SS18 on NW., R15SS19 on SE., S 24 on SW., and R16WS13 on NW. face, with 3 notches on N. and S. edges.</p> <p>Dig pits, 18 x 18 x 12 ins., in each sec., <math>5\frac{1}{2}</math> ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.</p> <p>Land, nearly level alkali flat.</p> <p>Soil, white, wet, sticky clay.</p> <p>No vegetation.</p> <hr/> <p>North, bet. secs. 13 and 18.</p> <p>Over nearly level alkali flat, void of vegetation.</p> <p>40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., marked</p> <p style="padding-left: 40px;"><math>\frac{1}{4}</math> S 13 on W., and S 18 on E. face.</p>

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high W. of cor. Deposit a quart of glass at base of monument.

2.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 7, 12, 13 and 18, marked

T7SS7 on NE.,

R15WS18 on SE.,

S13 on SW., and

R16WS12 on NW. face, with 2 notches on N., and 4 notches on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.,

and raise a mound of earth, 4 ft. base, 2 ft. high

W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat.

Soil, white, heavy, wet, sticky clay.

No vegetation.

North, bet. secs. 7 and 12.

Over nearly level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for ¼ sec. cor., marked

¼ S 12 on W., and

S 7 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.

dist., and raise a mound of earth, 3½ ft. base, 1½ ft.

high W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 1, 6, 7 and 12, marked

T7SS6 on NE.,

R15WS7 on SE.,

S 12 on SW., and

R16WS1 on NW. face, with 1 notch on N., and 5 notches on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.,

and raise a mound of earth, 4 ft. base, 2 ft. high

W. of cor. Deposit a quart of glass at base of

WEST BOUNDARY OF T. 7 S., R. 15 W.

Chains

monument.  
land, nearly level alkali flat.  
Soil, white, heavy, wet sticky clay.  
No vegetation.

North, bet. secs. 1 and 6.

Over nearly level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 1 on W., and  
S 6 on E. face.

Big pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base of monument.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of Ts. 6 and 7 S., Rs. 15 and 16 W., marked

T6SS31 on NE.,  
R15WS6 on SE.,  
T7SS1 on SW., and  
R16WS36 on NW. face, with 6 notches on N., S., E. and W. edges.

Big pits, 18 x 18 x 12 ins., on each line, N., E. and W. 3 ft., and S. of post, 7 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high S. of cor. Deposit a quart of glass at base of monument.

land, nearly level alkali flat.

Soil, dark, heavy, wet, sticky clay.

No vegetation.

NORTH BOUNDARY OF T. 7 S., R. 15 W.

from the cor. of Ts. 6 and 7 S., Rs. 14 and 15 W.,

thence

west on random line along N. bdy. of T. 7 E., R. 15 W.,

setting temp.  $\frac{1}{4}$  sec. and sec. cors., at intervals of

40.00 chs., and at 478.65 chs., intersect the cor.

Secs. 6 and 7 S., Rs. 15 and 16 W. The course of the  
N. by. of T. 7 S., R. 15 W., therefore is west and  
the dist. 478.65 chs.

From the cor. of T. 6 and 7 S., Rs. 14 and 15 W., thence  
West, bet. secs. 1 and 36..

Over nearly level alkali flat, through very scattered  
growth of salt grass...

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 36 on N., and  
S 1 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.  
dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$   
ft. high N. of cor. Deposit a quart of glass at base  
of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 1, 2, 35 and 36, marked

T6SS36 on NE.,  
S 1 on SE.,  
T7SS2 on SW., and  
R15WS35 on NW. face, with 1 notch on E., and  
5 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high  
W. of cor. Deposit a quart of glass at base of  
monument.

Land, nearly level alkali flat.

Soil, dark, heavy, wet, sticky clay.

Undergrowth, a very scattered growth of salt grass.

West, bet. secs. 2 and 35..

Over nearly level alkali flat, through a scattered  
growth of salt grass...

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 35 on N., and  
S 2 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.

Chains

dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high N. of cor. Deposit a quart of glass at base of monument.

50.00 Enter dense growth of salt grass, brs. on N. side.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 2, 3, 34 and 35, marked

T6SS35 on NE.,  
S 2 on SE.,  
T7SS3 on SW., and  
R15WS34 on NW. face, with 2 notches on E., and 4 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat.

Soil, dark, heavy, wet, sticky clay.

Undergrowth, a scattered growth of salt grass.

West, bet. secs. 3 and 34.

Over nearly level alkali flat, through a scattered growth of salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for ¼ sec. cor., marked

¼ S 34 on N., and  
S 3 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 3, 4, 33 and 34, marked

T6SS34 on NE.,  
S 3 on SE.,  
T7SS4 on SW., and  
R15WS33 on NW. face, with 3 notches on E. and W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of

monument.

Land, nearly level alkali flat.

Soil, white, heavy, wet sticky clay.

Undergrowth, scattered growth of salt grass.

West, bet. secs. 4 and 33.

Over nearly level alkali flat, through a scattered growth of salt grass...

35.00 Enter very scattered growth of salt grass, hrs. N. and S

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 33 on N., and  
S 4 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 4, 5, 32 and 33, marked

T6SS33 on NE.,  
S 4 on SE.,  
T7SS5 on SW., and  
R15WS32 on NW. face, with 4 notches on E., and  
2 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat,

Soil, white, heavy, wet, sticky clay.

Undergrowth, a scattered growth of salt grass.

West, bet. secs. 5 and 32.

Over nearly level alkali flat, through a very scattered growth of salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

NORTH BOUNDARY OF T. 9 S., R. 15 W.

Chains	
	<p><math>\frac{1}{4}</math> S 32 on N., and S 5 on S. face,</p> <p>Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high N. of cor. Deposit a quart of glass at base of monument.</p>
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked</p> <p>T6SS32 on NE., S 5 on SE., T7SS6 on SW., and R15WS31 on NW. face, with 5 notches on E., and 1 notch on W. edge.</p> <p>Dig pits, 18 x 18 x 12 ins., in each sec., <math>5\frac{1}{2}</math> ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.</p> <p>Land, nearly level alkali flat.</p> <p>Soil, heavy, wet, sticky clay.</p> <p>Undergrowth, a scattered growth of salt grass.</p>
	<hr/> <p>West, bet. secs. 6 and 31.</p> <p>Over nearly level alkali flat, void of vegetation.</p>
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., marked</p> <p><math>\frac{1}{4}</math> S 31 on N., and S 6 on S. face.</p> <p>Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high E. of cor. Deposit a quart of glass at base of monument.</p>
78.65	<p>The cor. of Ts. 6 and 7 S., Rs. 15 and 16 W.</p> <p>Land, nearly level alkali flat.</p> <p>Soil, heavy, wet, sticky clay.</p> <p>No vegetation.</p>

From the cor. of T. 6 and 7 S., R. 15 and 16 W.,

West, on random line along N. bdy. of T. 7 S., R. 16  
S. line, 9 lks. N. of the cor. of Ts. 6 and 7 S.,  
Rs. 16 and 17 W. The falling answers to a correction  
of  $0^{\circ} 01'$ , or  $1\frac{1}{2}$  lks. S. per mile counting from NE.  
cor. of Tp.; therefore from the cor. of Ts. 6 and 7  
S., Rs. 15 and 16 W.,

S.  $89^{\circ} 59' W.$ , bet. secs. 1 and 36.

Over nearly level alkali flat, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 36 on N., and  
S 1 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.  
dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft.  
high N. of cor. Deposit a quart of glass at base of  
monument.

55.00 Enter very scattered growth of salt grass, brs. N. and  
SW.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 1, 2, 35 and 36, marked

T6SS36 on NE.,  
S 1 on SE.,  
T7SS2 on SW., and  
R16WS35 on NW. face, with 1 notch on E., and  
5 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high  
W. of cor. Deposit a quart of glass at base of  
monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay.

Undergrowth, scattered growth of salt grass on portion

of mile.



NORTH BOUNDARY OF T. 4. S. R. 3. E. W.

Chains	<p>S. 89° 59' W., bet. secs. 2 and 35. 1000 ft. more</p> <p>Over nearly level alkali flat, through very scattered growth of salt grass.</p>
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., marked</p> <p><math>\frac{1}{4}</math> S 35 on N., and S 2 on S. face.</p> <p>Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high N. of cor. Deposit a quart of glass at base of monument.</p>
46.00	<p>Leave salt grass and vegetation, brs. N. and S.</p>
60.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 2, 3, 34 and 35, marked</p> <p>T6SS35 on NE., S 2 on SE., T7SS3 on SW., and R16WS34 on NW. face, with 2 notches on E., and 4 notches on W. edge.</p> <p>Dig pits, 18 x 18 x 12 ins., in each sec., 5<math>\frac{1}{2}</math> ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.</p> <p>Land, nearly level alkali flat.</p> <p>Soil, heavy, wet, sticky clay.</p> <p>Undergrowth, very scattered growth of salt grass on portion of mile</p>
40.00	<p>S. 89° 59' W., bet. secs. 3 and 34.</p> <p>Over nearly level alkali flat, void of vegetation.</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., marked</p> <p><math>\frac{1}{4}</math> S 34 on N., and S 3 on S. face.</p> <p>Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high W. of cor. Deposit a quart of glass at base of monument.</p>

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 3, 4, 33 and 34, marked

T6SS34 on NE.,  
S 3 on SE.,  
T7SS4 on SW., and  
R16WS33 on NW. face, with 3 notches on E. and W. edges.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay.

No vegetation.

S. 89° 59' W., bet. secs. 4 and 33.

Over nearly level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for ¼ sec. cor., marked

¼ S 33 on N., and  
S 4 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 4, 5, 32 and 33, marked

T6SS33 on NE.,  
S 4 on SE.,  
T7SS5 on SW., and  
R16WS32 on NW. face, with 4 notches on E. and 2 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay.

No vegetation.

Chains

- S. 89° 59' E., bet. sec. 15 and 31, cor. 215.
- Over nearly level alkali flat, void of vegetation.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked T6S32 on NE., and S 5 on S. face.
- Dig pits, 18 x 18 x 12 ins., E. and W. of post, 5 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high N. of cor. Deposit a quart of glass at base of monument.
- 43.00 S. edge of low sandy rise, brs. E. and W.
- 45.00 N. edge of sandy rise, brs. N. and S.
- 50.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked T6S32 on NE., S 5 on SE., T7S31 on SW., and A16-331 on NW. face, with 5 notches on E., and 1 notch on W. edge.
- Dig pits, 18 x 18 x 12 ins., in each sec., 5 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high E. of cor. Deposit a quart of glass at base of monument.
- Land, nearly level alkali flat.
- Soil, heavy, moist, sticky clay.
- No vegetation.

- S. 89° 59' E., bet. secs. 16 and 31.
- Over nearly level alkali flat, void of vegetation.
- 11.10 Edge of low sandy rise, 10 ft. high, brs. N. 5° E., and S. 89° E., thence over rise, entering medium growth of salt grass.
- 12.10 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked T7S31 on NE., and S 6 on S. face.
- Dig pits, 18 x 18 x 12 ins., E. and W. of post, 5 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high N. of cor. Deposit a quart of glass at base of monument.

TRIP REPORT

1912

high, E. of cor., deposit a quart. of glass at base of monument.

Edge of sandy rise, hrs. NE. and S. 5°W.; leave salt grass and enter flat void of vegetation.

The cor. of T. 36 and 7 S., Rs. 16 and 17 W.

Land, nearly level alkali flat, broken by sandy rises.

Soil, heavy, moist, sticky, sandy clay.

Undergrowth, a medium growth of salt grass on portion of mile.

DEPENDENT RESURVEY OF PORTION  
OF WEST BOUNDARY OF T. 7 S., R. 11 W.

Being unable to find any evidence of the cor. of secs.

13, 18, 19 and 24, on W. bdy. of T., 7 S., R. 11 W.

I commence at the  $\frac{1}{4}$  sec. cor. bet. secs. 19 and 24,

which is a granite stone, 11 x 9 x 5 ins., firmly

set in the ground; marked  $\frac{1}{4}$  on W. face, and unwitnessed

I dig pits, 18 x 18 x 12 ins., N. and S. of stone, and

raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high W.

of cor.

Thence

North, bet. secs. 19 and 24 on resurvey line.

Over nearly level land, sandy soil, through scattered hummocks covered with salt grass.

1.40 Leave sandy soil, enter clay flat, hrs. N. 80°W., and S. 80°E.

40.00 No evidence of the cor. of secs. 13, 18, 19 and 24 could be found.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 13, 18, 19 and 24, marked

T7SS18 on NE.,

R11WS19 on SE.,

S24 on SW., and

R12WS13 on NW., with 3 notches on N. and S. edge.

Land, nearly level, sandy and hard, clay.

Scattered hummocks covered with salt grass.

# WEST BOUNDARY OF T. 1 S., R. 21 E.

Chains

## NEW WORK

From the cor. of secs. 13, 18, 19 and 24. said

Thence

North, bet. secs. 13 and 18.

Over, nearly level alkali flat, through scattered

hummocks covered with salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 13 on W., and  
S 18 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.

dist., and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base of monument.

60.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 7, 12, 13 and 18, marked

17837 on NE.,

111318 on SE.,

313 on SW., and

112WS12 on NW. face, with 2 notches on N., and 4 notches on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.

and raise a mound of earth, 4 ft. base, 2 ft. high

W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat; surface broken by hummocks.

Soil, heavy, moisy, sandy clay.

Undergrowth, medium growth of salt grass on hummocks.

North, bet. secs. 7 and 12.

Over nearly level land, through scattered hummocks covered with salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 12 on W., and  
S 7 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.

dist., and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$

ft. high W. of cor. Deposit a quart of glass at base of monument.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 1, 6, 7 and 12, marked

T7SS6 on NE.,

R11WS7 on SE.,

S12 on SW., and

R12WS1 on NW. face, with 1 notch on N., and 5 notches on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.,

and raise a mound of earth, 4 ft. base, 2 ft. high

W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level; surface broken by hummocks.

Soil, heavy, moist, sandy clay.

Undergrowth, a medium growth of salt grass on hummocks.

North, bet. secs. 1 and 6.

Over nearly level land through scattered hummocks covered with salt grass.

20.00 Dim trace of old road, brs. NE. and SW.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins in the ground for ¼ sec. cor., marked

¼ S 1 on W., and

¼ S 6 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.

dist., and raise a mound of earth, 3½ ft. base, 1½ ft.

high W. of cor. Deposit a quart of glass at base of monument.

86.63 Point of intersection with the N. bdy. of T. 7 S., R. 11 W., produced due W. from cor. of Ts. 6 and 7 S., Rs. 10 and 11 W.

At point of intersection

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for cor. of Ts. 6 and 7 S., Rs. 11 and 12

W., marked

WEST BOUNDARY OF T. 7 S., R. 11 W.

Chains

T6SS31 on NE.,  
R11WS6 on SE.,  
T7SS1 on SW., and  
R12WS36 on NW. face, with 6 notches on N., S.  
E. and W. edges.

Dig pits, 18 x 18 x 12 ins., on each line, N., E., and  
W. 3 ft., and S. of post, 7 ft. dist.; and raise a  
mound of earth, 4 ft. base, 2 ft. high S. of cor.  
Deposit a quart of glass at base of monument, and  
also set two volcanic rocks alongside of post.

Land, nearly level.

Soil, heavy, moist sandy clay; surface broken by  
scattered hummocks.

Undergrowth, scattered salt grass on hummocks.

NORTH BOUNDARY OF T. 7 S., R. 11 W.

From the cor. of Ts. 6 and 7 S., Rs. 10 and 11 W.,  
West, bet. secs. 1 and 36.

Over nearly level alkali flat, through very scattered  
growth of salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 36 on N., and  
S 1 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.  
dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$   
ft. high N. of cor. Deposit a quart of glass at base  
of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 1, 2, 35 and 36, marked

T6SS36 on NE.,  
S 1 on SE.,  
T7SS2 on SW., and  
R11WS35 on NW. face, with 1 notch on E., and  
5 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high  
W. of cor. Deposit a quart of glass at base of  
monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay.

Undergrowth, a very scattered growth of salt grass.

West, bet. secs. 2 and 35.

Over nearly level mud flat, through hummocks covered with a growth of salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 35 on N., and  
S 2 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 2, 3, 34 and 35, marked

T6SS35 on NE.,

S 2 on SE.,

T7SS33 on SW., and

R1LWS34 on NW. face, with 2 notches on N., and 4 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level; surface broken by hummocks.

Soil, heavy, wet, sticky clay.

Undergrowth, medium growth of salt grass on hummocks.

West, bet. secs. 3 and 34..

Over nearly level land, surface broken by hummocks, and through growth of salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 34 on N., and  
S 3 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor. Deposit a quart of glass at



NORTH BOUNDARY OF TACOMA, SEATTLE

Chains	base of monument.
74.00	Small sand dune S. of line about 2 chs. dist.
80.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 3, 4, 33 and 34, marked T6SS34 on NE., S 3 on SE., T7SS4 on SW., and R11WS33 on NW. face, with 3 notches on E. and W. edges.
	Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high N. of cor. Deposit a quart of glass at base of monument.
	Land, nearly level; surface broken by hummocks.
	Soil, heavy, moist, sandy clay.
	Hummocks are covered with a medium growth of salt grass.
	West, bet. secs. 4 and 33.
	Over nearly level land; surface broken by hummocks, which are covered with a medium growth of salt grass.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for ¼ sec. cor., marked ¼ S 33 on N., and S 4 on S. face.
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high N. of cor. Deposit a quart of glass at base of monument.
80.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 4, 5, 32 and 33, marked T6SS33 on NE., S 4 on SE., T7SS5 on SW., and R11WS32 on NW. face, with 4 notches on E., and 2 notches on W. edge.
	Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.
	Land, nearly level; surface broken by hummocks.
	Soil, heavy, moist, sandy clay.
	Hummocks are covered with growth of salt grass.

West, bet. secs. 5 and 32. 100.00

Over nearly level land, surface broken by hummocks which are covered with a medium growth of salt grass.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

S 32 on N., and S 5 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked

T6SS32 on NE.,  
S 5 on SE.,  
T7SS6 on SW., and  
R11WS31 on NW. face, with 5 notches on E., and 1 notch on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level; surface broken by hummocks.

Soil, heavy, wet, sticky clay, covered by a thin layer of sandy clay.

Hummocks are covered with a medium growth of salt grass. No other vegetation.

West, bet. secs. 6 and 31.

Over nearly level land, surface broken by hummocks which are covered with a growth of salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

S 31 on N., and S 6 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor. Deposit a quart of glass at base of monument.

Land, nearly level; surface broken by hummocks.

Chains

84.06 The cor. of Ts. 6 and 7 S., Rs. 11 and 12 W., which is established at point of intersection with W. bdy. of T. 7 S., R. 11 W. For description of cor. of Ts. 6 and 7 S., Rs. 11 and 12 W., see the notes of the line bet. secs. 1 and 6, W. bdy. of T. 7 S., R. 11 W.  
Land, nearly level; surface broken by scattered hummocks.  
Soil, heavy, wet, sticky clay.  
Hummocks are covered with growth of salt grass. No other vegetation.

WEST BOUNDARY OF T. 6 S., R. 11 W.

From the cor. of Ts. 6 and 7 S., Rs. 11 and 12 W.  
Thence  
North, bet. secs. 31 and 36.

Over nearly level land, surface broken by scattered hummocks which are covered with a growth of salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for 1/4 sec. cor., marked  
1/4 S 36 on W., and  
S 31 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high W. of cor. Deposit a quart of glass at base of monument, and set a volcanic rock alongside of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 25, 30, 31 and 36, marked  
T6SS30 on NE.,  
R11WS31 on SE.,  
S36 on SW., and  
R12WS25 on NW. face, with 5 notches on N., and 1 notch on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument, and set a volcanic rock alongside of post.

Land, nearly level; surface broken by hummocks.

Soil, heavy, moist, sandy clay.

Hummocks are covered with salt grass. No other vegetation

North, bet. secs. 25 and 30.

Over nearly level land, surface broken by scattered hummocks which are covered with salt grass.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S. 25 on W., and  
S. 30 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 19, 24, 25 and 30, marked

T6SS19 on E.,  
R11WS30 on S.,  
S 25 on SW., and  
R12WS24 on NW. face, with 4 notches on E., and  
2 notches on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level; surface broken by hummocks.

Soil, heavy, moist, sandy clay.

Hummocks are covered with salt grass. No other vegetation

North, bet. secs. 19 and 24.

Over nearly level land; surface broken by scattered hummocks which are covered with a growth of salt grass

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S. 24 on W., and  
S. 19 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth;  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base of monument.

Chains

- 65.00 Leave hummocks, enter very scattered growth of  
grass, brs. B. and W. in scattered am. hummocks.
- 80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 13, 18, 23, and 28, marked  
T6SS18 on NE., R11WS19 on SE.,  
S24 on SW., and R12WS13 on NW. face, with 3 notches on N. and  
S. edges.
- Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.  
and raise a mound of earth, 4 ft. base, 2 ft. high W.  
of cor. Deposit a quart of glass at base of monument.  
Land, nearly level; surface of portion of mile broken  
by hummocks.
- Scattered growth of salt grass on mile. No other  
vegetation.

North, bet. secs. 13 and 18.

Over nearly level alkali flat, through scattered growth  
of salt grass.

- 25.00 Enter few scattered hummocks.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for ¼ sec. cor., marked  
S 13 on W., and  
S 18 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.  
dist., and raise a mound of earth, 3½ ft. base, 1½  
ft. high W. of cor. Deposit a quart of glass at  
base of monument.

- 80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 7, 12, 13 and 18, marked  
T6SS7 on NE., R11WS18 on SE.,  
S13 on SW., and R12WS12 on NW. face, with 2 notches on N., and  
4 notches on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.  
and raise a mound of earth, 4 ft. base, 2 ft. high W.  
of cor. Deposit a quart of glass at base of monument.  
Land, nearly level; surface of portion of mile broken  
by hummocks.

Soil, heavy, moist clay.

Scattered growth of salt grass on mile. No other vegetation.

North, bet. secs. 7 and 12.

Over nearly level clay flat, through very scattered growth of salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 12 on W., and  
S 7 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base of monument.

Enter scattered hummocks.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 1, 6, 7 and 12, marked

T6SS6 on NE.,  
R11WS7 on SE.,  
S12 on SW., and  
R12WS1 on NW. face, with 1 notch on N., and  
5 notches on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 3 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level clay flat; surface of W. half mile broken by scattered hummocks.

Soil, heavy, moist clay.

Scattered growth of salt grass on mile. No other vegetation.

North, bet. secs. 1 and 6.

Over nearly level clay flat; surface broken by hummocks, through medium growth of salt grass.

18.00 Enter scattered hummocks and salt grass, bet. E. and W.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

**Chains**

† S 1 on W., and S 6 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 ft. base, 1 ft. high W. of cor. Deposit a quart of glass at base of monument.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of Ts. 5 and 6 S., Rs. 11 and 12 W., marked

T5SS31 on NE.,  
R11W36 on SE.,  
T6SS1 on SW., and  
R12W36 on NW. face, with 6 notches on N., S., E. and W. edges.

Dig pits, 18 x 18 x 12 ins., on each line, N., E. and W. 3 ft., and S. of post, 7-ft. dist.; raise a mound of earth, 4 ft. base, 2 ft. high S. of cor. Deposit a quart of glass at base of monument.

from this sp. cor.

dark butte N. of Big Mountain, brs. S.  $82\frac{1}{2}^{\circ}$ E.,  $3\frac{1}{2}$  mile N. end of Big Mt., brs. S.  $72^{\circ}$ E.  
Sw. end of Big Mt. brs. S.  $50\frac{1}{2}^{\circ}$ E.

peak in Cedar Range of Mountains, brs. N.  $81^{\circ}$ E., about 7 miles dist.

Land, nearly level clay flat; surface broken by hummocks  
Soil, heavy, moist clay.

Scattered growth of salt grass on mile. No. other vegetation.

**NORTH BOUNDARY OF T. 6 S., R. 11 W.**

from the cor. of Ts. 5 and 6 S., Rs. 10 and 11 W., for description of which see the field notes of the Second Guide Mer., through T. 6 S., bet. Rs. 10 and 11 W.; thence

west on a random line along E. bay. of T. 6 S., R. 11 W., setting temp. 1 sec. and sec. corr. at intervals of 40.00 chs., and at 423.32 chs. intersect N. line of T. 6 S., R. 11 W., 10 chs. E. of the cor. of Ts.

**ACKNOWLEDGMENTS**

Over rolling and broken mountainous land, through short undergrowth.

Draw, 40 ft. below Tp. cor., course S. 20°W.; ascend.

12.50 Draw, 100 ft. below spur, course S.; ascend.

23.30 Draw, 70 ft. below spur, course S., heads NE. & chs.;  
ascend.

27.20 Draw, 35 ft. below top of ascent, course S. 30°E.;  
ascend.

39.85 Draw, 60 ft. below spur, course S. 20°E.; ascend.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and 12 ins. in a mound of stone, for 4 sec. cor., with brass cap marked

1925

45.00 Ridge, 120 ft. above draw, brs. S. 20°W., and N. 20°E.;  
descend W. slope.

80.00 Set a limestone, 12 x 10 x 6 ins., 8 ins. in the ground,  
marked 1 notch on E., and 5 natches on W. edge.

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor  
and deposit a quart of glass at base of monument.



Chains

Note: No iron post was available for sec. 35.

this cor. 2 1/2 x 3 1/2 (10") to solid rock.

Land, rolling and mountainous.

Soil, stony with shallow sandy loam, 3rd rate.

3rd rate

Undergrowth, short shadscale. No timber.

S. 89° 59' W., bet. secs. 2 and 35.

Descend over rocky W. slope, through short undergrowth.

40.00 On W. slope, 315 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock, and 18 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked

S35  
+ S 2

1925

Raise a mound of stone, 2 1/2 ft. base, 2 ft. high N. of cor.

53.60 Road, brs. N. and S.

80.00 On rolling W. slope, 150 ft. below 1/4 sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground for cor. of secs. 2, 3, 34 and 35, with brass cap marked

T5S R11W  
S34 S35 ✓  
S 3 S 2  
T6S

1925

Raise a mound of stone, 2 1/2 ft. base, 2 ft. high W. of cor.

Land, rolling and broken W. slope.

Soil, stony with sandy loam; 3rd rate.

Undergrowth, short shadscale.

No timber.

S. 89° 59' W., bet. secs. 3 and 34.

Over rolling land through short undergrowth.

On gradual NW. slope.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

S 34  
S 3

1925

Raise a mound of stone, 2 ft. base, 1½ ft. high N., of

Descend gradually over NE. slope.

Old road, brs. N. 20° E., and S. 20° W.

On gradual W. slope, 130 ft. below  $\frac{1}{4}$  sec. cor.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 3, 4, 33 and 34, marked

T5SS34 on NE.,

S3 on SE.,

T6SS4 on SW., and

R11WS33 on NW. face, with 3 notches on N. and W. edges.

Deposit a quart of glass at base of monument. Cor.

stands in loose sandy soil making pits impracticable, and stone is not available for accessory.

Land, rolling; NW. and NE. exposure.

Soil, deep sandy loam; surface covered with small pebbles and gravel; 3rd rate.

Undergrowth, short shadscale.

No timber.

S. 89° 59' W., bet. secs. 4 and 33.

Over rolling land, sandy soil, through short undergrowth of shadscale.

Leave sandy soil and shadscale, enter clay flat and scattered hummocks and salt grass, brs. N. and S.

N. end of low sand ridge, brs. S.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

Chains

$\frac{1}{4}$  S. 33 on N., and  
S 4 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 4, 5, 32 and 33, marked

T5SS33 on NE.,  
S4 on SE.,  
T6SS5 on SW., and  
R11WS32 on NW. face, with 4 notches on E., and  
2 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, rolling and nearly level flat.

Soil, deep sandy loam on portion of mile, and hard, clay on portion of mile.

Undergrowth, shadscale on portion of E. half mile, and scattered salt grass on portion of mile

No timber.

S.  $89^{\circ} 59' W.$ , bet. secs. 5 and 32.

Over nearly level clay flat, through scattered growth of salt grass; surface broken by scattered hummocks.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 32 on N., and  
S. 5 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked

W 21 on NE., T55S32 on NE.,  
S 5 on SE.,  
T65S36 on SW., and  
R11WS31 on NW. face, with 5 notches on E.  
and 1 notch on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5 ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high W.  
of cor. Deposit a quart of glass at base of monument.  
Land, nearly level clay flat; surface broken by  
scattered hummocks.

Scattered growth of salt grass on mile. No other  
vegetation.

S. 89° 59' W., bet. secs. 6 and 31..

Over nearly level clay flat, through scattered growth  
of salt grass; surface broken by scattered hummocks.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 31 on N., and  
S 6 on S. face.

Dig pits, 18 x 18 x 12 ins., N. and W. of post, 3 ft.  
dist., and raise a mound of earth, 3 ft. base, 1  
ft. high N. of cor. Deposit a quart of glass at  
base of monument.

45.00 Leave hummocks.

83.32 The cor. of Ts. 5 and 6 S., Rs. 11 and 12 W.

Land, nearly level clay flat; surface broken by scatter-  
ed hummocks.

Soil, heavy, moist clay.

Scattered growth of salt grass on mile. No other  
vegetation.

## Chains

from the cor. of T. 6 and 7 S., R. 11 and 12 W.;

thence

West, bet. secs. 1 and 36, along S. bdy. of T. 6 S.,  
R. 12 W.

Over nearly level clay flat, void of vegetation.

12.00 Enter scattered hummocks and salt grass, brs. N. and S.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 36 on N., and  
S 1 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.  
dist., and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$   
ft. high N. of cor. Deposit a quart of glass at  
base of monument.

60.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 1, 2, 35 and 36, marked

T6S36 on NE.,  
S 1 on SE.,  
T7S32 on SW., and  
R12WS36 on NW. face, with 1 notch on E., and  
5 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high W.  
of cor. Deposit a quart of glass at base of monument.

Land, nearly level clay flat; surface of portion of mile  
broken by hummocks.

Soil, heavy, moist, sticky clay.

Scattered growth of salt grass on portion of mile. No  
other vegetation.

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West, bet. secs. 2 and 35.

Over nearly level clay flat; surface broken by scattered  
hummocks; through-scattered growth of salt grass.

26.00 Leave hummocks.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 35 on N., and  
S 2 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 2, 3, 34 and 35, marked

Enter scattered hummocks.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 2, 3, 34 and 35, marked

T6SS35 on NE.,  
S2 on SE.,  
T7SS3 on SW., and  
R12WS34 on NW. face, with 2 notches on E., and  
4 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level clay flat; surface of portion of mile broken by hummocks.

Soil, heavy, moist sandy clay.

Scattered growth of salt grass on mile. No other vegetation.

West, bet. secs. 3 and 34.

Over nearly level land, surface broken by scattered hummocks; through scattered growth of salt grass.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for 1/4 sec. cor., marked

1/4 S 34 on N., and  
S 3 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high N. of cor. Deposit a quart of glass at base of monument.

Low sand ridge, 5 ft. high, brs. N. and S.

Low sand ridge, 5 ft. high brs. N. and S.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 3, 4, 33 and 34, marked

T6SS34 on NE.,  
S3 on SE.,  
T7SS4 on SW., and  
R12WS33 on NW. face, with 3 notches on E. and  
W. edges.

SOUTH BOUNDARY OF T. 6 S., R. 12 W.

Chains

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument. Land, nearly level; surface broken by scattered hummocks and low sand ridges. Soil, heavy, moist, sandy clay. Scattered growth of salt grass. No other vegetation.

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West, bet. secs. 4 and 33.

Over nearly level clay flat; surface broken by scattered hummocks; through scattered growth of salt grass.

14.20 Small sand ridge, brs. N. and S.

23.40 Sand ridge, 10 ft. high, brs. N. and S.

25.00 Leave sand ridges, enter sandy flat, surface covered with fine gravel, brs. N. and S.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for ¼ sec. cor., marked

¼ S 33 on N., and  
S 4 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high N. of cor. Deposit a quart of glass at base of monument.

63.00 Leave land, covered with fine gravel, enter clay flat, brs. N. and S.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 4, 5, 32 and 33, marked

T6SS33 on NE.,  
S4 on SE.,  
T7SS5 on SW., and  
R12WS32 on NW. face, with 4 notches on E., and  
2 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument. Land, nearly level; surface broken by scattered hummocks. Soil, portion of mile, heavy, moist clay, and portion, sandy

Scattered growth of salt grass on mile. No other vegetation.

West, bet. secs. 5 and 32.

Over nearly level clay flat, through scattered growth of salt grass.

10.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 32 on N., and  
S 5 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high N. of cor. Deposit a quart of glass at base of monument:

63.00 Leave clay flat; enter sandy bench, 5 ft. high, brs. N. and S.

75.20 Low sandy ridge, brs. NW. and SE.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked

T6SS32 on NE.,  
S5 on SE.,  
T7SS6 on SW., and  
R12WS31 on NW., face, with 5 notches on E. and 1 notch on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level clay flat and rolling sandy bench.

Soil, heavy, wet, sticky clay on portion of mile, and loose sandy loam on portion of mile.

Scattered growth of salt grass on mile. No other vegetation.

West, bet. secs. 6 and 31.

Over rolling sand hills, through scattered growth of grass.

5.40 Low sand ridge, brs. N. about 1 mile, and S. about  $\frac{1}{4}$  mile.



# SOUTH BOUNDARY OF T. 6 S., R. 13 W.

## Chains

- 12.70 Low sand ridge, brs. N. about 1 mile, and S. 1 mile.
- 30.00 Low sand ridge, brs. NE. and SW.
- 36.00 Leave sand hills, enter clay flat, and scattered hummocks, brs. N. and S.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked
- $\frac{1}{4}$  S 31 on N., and  
S 6 on S. face.
- Big pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor. Deposit a quart of glass at base of monument.
- 83.05 Intersect E. bdy. of T. 6 S., R. 13 W., 10.27 chs. North from cor. of Ts. 5 and 6 S., Rs. 12 and 13 W., which is an iron post, 3 ins. diam., extending 10 ins. above ground, with brass cap marked as described in the official field notes of T. 7S., R. 13 W. I remark brass cap for cor. of Ts. 6 and 7 S., R. 13 W. only as follows:
- |      |      |
|------|------|
| T6S  |      |
| R13W | R12W |
| S36  | S 6  |
| S 1  | T7S  |
| T7S  |      |
- At point of intersection of E. bdy. T. 6 S., R. 13 W. Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for closing cor. of Ts. 6 and 7 S., R. 12 W. only, marked
- T6SS31 on N.,  
R12 WCC on E., and  
T7SS6 on S. face, with 6 grooves on N., S. and E. faces.
- Big pits, 18 x 18 x 12 ins., on each line, N. and S. 3 ft., and E. of post, 7 ft. dist.; raise a mound of earth, 4 ft. base, 2 ft. high E. of cor. Deposit a quart of glass at base of monument.
- Land, rolling sand hills and level clay flat.
- Soil, deep bandy loam on portion and heavy, moist clay on portion of mile.
- Salt grass is only vegetation on mile.

from the corner of Secs. 25 and 36, R. 13 W.; thence North, along E. 1/4 sec. 36,

over rolling sandy land, through scattered growth of saltgrass,

to 40.00. Additionally level clay flat, leaving sandy soil, hrs. 31 S.W. and S.E.

40.00 The closing cor. of Ts. 6 and 7 S., R. 12 W.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for 1/4 sec. cor., sec. 36 only, marked 1/4 S 36 on W. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high W. of cor. Deposit a quart of glass at base of monument.

40.00 Nothing of 40.00 chs. from closing cor. of Ts. 6 and 7 S., R. 12 W.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for 1/4 sec. cor., sec. 31 only, marked 1/4 S 31 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high E. of cor.

65.00 S. edge of small sandy rise, hrs. W. 5 chs., and E. 1/4 mile.

77.00 N. edge of sandy rise.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 25 and 36 only, marked

T6S36 on SW., and R13WS25 on NW. face, with 5 notches on N., and 1 notch on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5 1/2 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, rolling and nearly level clay flat, soil, composed of mile, deep sand, and heavy, moist clay, composed of mile, deep sand.

WEST BOUNDARY OF T. 6 S., R. 12 W.  
AND  
EAST BOUNDARY OF T. 6 S., R. 12 W.

Chains

Scattered growth of salt grass on mile. No other vegetation.

North, along E. bdy. of sec. 25.

Over nearly level alkali flat; surface broken by scattered hummocks, and through scattered salt grass.

10.27 Northing of 20.00 chs. from closing cor. of T. 6 and 7 S., R. 12 W.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 30 and 31 only, marked

T6SS30 on NE., and  
N12WS31 on SE. face, with 5 notches on N., and 1 notch on S. edge.

Dig pits, 10 x 10 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high

W. of cor. Deposit a quart of glass at base of monument

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for 4 sec. cor., sec. 25 only, marked

4 S. 25 on W. face

Dig pits, 10 x 10 x 12 ins., N. and S. of post, 3 ft.

dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$

ft. high W. of cor. Deposit a quart of glass at base of monument.

60.27 Northing of 40.00 chs. from cor. of secs. 30 and 31.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for 4 sec. cor., sec. 30 only, marked

4 S. 30 on N. face.

Dig pits, 10 x 10 x 12 ins., N. and S. of post, 3 ft.

dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$

ft. high E. of cor.

100.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 24 and 25, only, marked

T6SS25 on SW., and  
N12WS24 on NW. face, with 4 notches on N., and 2 notches on S. edge.

Dig pits, 10 x 10 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.,

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high

W. of cor. Deposit a quart of glass at base of

31 monument, 100 ft. x 100 ft. x 100 ft. in size, nearly level, alkali flat; surface broken by scattered hummocks.

Soil, heavy, wet, sticky clay. Scattered growth of salt grass is only vegetation on mile

North, along E. bdy. sec. 24.

Over nearly level alkali flat, through scattered hummocks and salt grass.

10.27 Northing of 80.00 chs. from cor. of secs. 30 and 31.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 19 and 30 only, marked

T6SS19 on NE., and R12WS30 on SE. face, with 4 notches on N., and 2 notches on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high E. of cor. Deposit a quart of glass at base of monument.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for ¼ sec. cor., sec. 24 only, marked

¼ S 24 on W. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high W. of cor. Deposit a quart of glass at base of monument.

50.27 Northing of 40.00 chs. from cor. of secs. 19 and 30.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for ¼ sec. cor., sec. 19 only, marked

¼ S 19 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high E. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 13 and 24, only, marked

T6SE24 on SW., and R13WS13 on NW. face, with 3 notches on N. and 2 on S. edge.

WEST BOUNDARY OF T. 6 S., R. 12 E.,  
AND  
EAST BOUNDARY OF T. 6 S., R. 13 E.

Chains	Miles
	<p>Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high W. of cor. Deposit a quart of glass at base of monument.</p> <p>Land, nearly level alkali flat; surface broken by scattered hummocks.</p> <p>Soil, heavy, wet, sticky clay.</p> <p>Scattered growth of salt grass on mile. No other vegetation.</p>
	<p>North, along E. bdy. of sec. 13..</p> <p>Over rolling sandy rise, through scattered growth of greasewood.</p>
10.27	<p>Northing of 80.00 chs. from cor. of secs. 19 and 30.</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 18 and 19 only, marked</p> <p style="padding-left: 40px;">T6SS18 on NE., and R12WS19 on SE. face, with 3 notches on N. and S. edges.</p>
	<p>Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high E. of cor. Deposit a quart of glass at base of post.</p>
16.00	<p>Leave sandy rise and greasewood, enter clay flat and scattered growth of salt grass, brs. E. and W.</p>
32.00	<p>Leave clay flat and salt grass, enter sandy rise and medium growth of greasewood, brs. S. 20°W., and N. 70°E.</p>
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for ¼ sec. cor., sec. 13 only, marked</p> <p style="padding-left: 40px;">¼ S 13 on W. face.</p>
	<p>Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high W. of cor. Deposit a quart of glass at base of monument.</p>
44.00	<p>Leave sandy rise and greasewood, enter clay flat and growth of salt grass, brs. E. and W.</p>
50.27	<p>Northing of 40.00 chs. from cor. of secs. 18 and 19</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in</p>

...the ground for sec. cor., sec. 18 only, marked  
...S. 18 on E. face.

34 Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.  
...dist., and raise a mound of earth, 3½ ft. base, 1½ ft.  
...high E. of cor. Deposit a quart of glass at base  
of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
...the ground for cor. of secs. 12 and 13. only, marked  
...T6SS13 on SW., and  
...R13WS12 on NW. face, with 2 notches on N., and  
4 notches on S. edge.

...Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.,  
...and raise a mound of earth, 3½ ft. base, 1½ ft. high W.  
of cor. Deposit a quart of glass at base of monument.

Land, rolling sand rises, and nearly level clay flat,  
Soil, deep sand on portion of mile, and heavy, moist  
clay on portion of mile.

Undergrowth, medium and scattered growth of greasewood  
on portion of mile. On clay flat is a scattered  
growth of salt grass..

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North, along E. bdy. of sec. 12.

Over nearly level clay flat, through a very scattered  
growth of salt grass.

10.27 Northing of 80.00 chs. from cor. of secs. 18 and 19.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 7 and 18 only, marked

...T6SS7 on NE., and  
...R12WS18 on SE. face, with 2 notches on N., and  
4 notches on S. edge.

...Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.,  
...and raise a mound of earth, 3½ ft. base, 1½ ft. high E.  
of cor. Deposit a quart of glass at base of monument.

49.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for sec. cor., sec. 12 only, marked

...S. 12 on W. face.

...Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.

...dist., and raise a mound of earth, 3½ ft. base, 1½ ft.

.. WEST BOUNDARY OF T. 6 S., R. 20 W.,  
AND  
.. EAST BOUNDARY OF T. 6 S., R. 20 W.

Chains	
	high W. of cor. Deposit a quart of glass at base of monument.
50.27	<p>Northing of 40.00 chs. from cor. of secs. 7 and 18.</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., sec. 7 only, marked <math>\frac{1}{4}</math> S 7 on E. face.</p> <p>Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high E. of cor. Deposit a quart of glass at base of monument.</p>
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 1 and 12 only, marked T6SS12 on SW., and N13WS1 on N. face, with 1 notch on N., and 5 notches on S. edge.</p> <p>Dig pits, 18 x 18 x 12 ins., in each sec., <math>5\frac{1}{2}</math> ft. dist., and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high E. of cor. Deposit a quart of glass at base of monument.</p> <p>Land, nearly level clay flat.</p> <p>Soil, heavy, moist clay.</p> <p>Scattered growth of salt grass is only vegetation on mile</p>
	<p>North, along E. bay. of sec. 1</p> <p>over nearly level alkali flat, through a very scattered growth of salt grass.</p>
10.27	<p>Northing of 80.00 chs. from cor. of secs. 7 and 18.</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 6 and 7 only, marked T6SS6 on NE., and N12WS7 on SE. face, with 1 notch on N., and 5 notches on S. edge.</p> <p>Dig pits, 18 x 18 x 12 ins., in each sec., <math>5\frac{1}{2}</math> ft. dist., and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high E. of cor. Deposit a quart of glass at base of monument.</p>
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., sec. 1 only, marked <math>\frac{1}{4}</math> S 1 on W. face</p> <p>Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.</p>

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of Ts. 5 and 6 S., R. 12 W., only, marked  
T5SR12WS31 on NE., and  
T6SR12WS36 on SE., face, with 6 notches on N., S. and E. edges.

80.00 Northing of 40.00 chs. from cor. of secs. 6 and 7.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., sec. 6 only, marked  
T6SR13WS1 on SW., and  
T5SR13WS36 on NW., face, with 6 notches on N., S. and E. edges.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high E. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of Ts. 5 and 6 S., R. 13 W., only, marked

T6SR13WS1 on SW., and  
T5SR13WS36 on NW., face, with 6 notches on N., S. and E. edges.

Dig pits, 18 x 18 x 12 ins., on each line, N. and S. 3 ft., and W. of post, 7 ft. dist.; raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

North, on same line with continuous measurement along W. bdy. sec. 6.

90.27 Northing of 80.00 chs. from cor. of secs. 6 and 7.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of Ts. 5 and 6 S., R. 12 W., only, marked

T5SR12WS31 on NE., and  
T6SR12WS36 on SE., face, with 6 notches on N., S. and E. edges.

Dig pits, 18 x 18 x 12 ins., on each line, N. and S. 3 ft., and E. of post, 7 ft. dist.; raise a mound of earth, 4 ft. base, 2 ft. high E. of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat.

Soil, moist clay; water 24 ins. below surface.

A very scattered growth of salt grass on mile. No other vegetation.



## Chains

From the cor. of Ts. 5 and 6 S., Rs. 11 and 12 W., West, on random line along N. bay. of T. 6 S., R. 12 W., setting temp.  $\frac{1}{4}$  sec. and sec. cor., at intervals of 40.00 chs., and at 482.11 chs.; intersect the W. 1/4 of T. 6 S., R. 12 W., 12 lks. S. of the cor. of Ts. 5 and 6 S., R. 12 W. the falling answers to a correct of  $0^{\circ} 01'$  or 2 lks. N. per mile counting from the cor. of Tp.; therefore from cor. of Ts. 5 and 6 S., Rs. 11 and 12 W.

N.  $89^{\circ} 59' W.$ , bet secs. 1 and 36.

Over nearly level clay flat, through very scattered growth of salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 36 on N., and  
S 1 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 1, 2, 35 and 36, marked

T5SS36 on NE.,  
S1 on SE.,  
T6SS2 on SW., and  
R12WS35 on NW. face, with 1 notch on E., and  
5 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level clay flat.

Soil, dark, heavy, moist clay.

Very scattered growth of salt grass on mile. No other vegetation.

N.  $89^{\circ} 59' W.$ , bet. secs. 2 and 35.

Over nearly level clay flat, through a very scattered growth of salt grass.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

T5SS35 on N., and S 2 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 2, 3, 34 and 35, marked

T5SS35 on NE.,

S2 on SE.,

T6SS3 on SW., and

R12WS34 on NW. face, with 2 notches on E., and 4 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level clay flat.

Soil, dark, heavy, moist clay..

Very scattered growth of salt grass on mile. No other vegetation..

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N. 89° 59' W., bet. secs. 3 and 34.

Over nearly level clay flat, through a very scattered growth of salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 34 on N., and S 3 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 3, 4, 33 and 34, marked

T5SS34 on NE.,

S3 on SE.,

T6SS4 on SW., and

R12WS33 on NW. face, with 3 notches on E. and W. edge.

# NORTH BOUNDARY OF TOWNSHIP 11, RANGE 7.

Chains

Dig pits, 18 x 18 x 12 ins., in each sec., 5 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high of cor. Deposit a quart of glass at base of monument. Land, nearly level clay flat. Soil, dark, heavy, moist clay. A very scattered growth of salt grass on mile. No other vegetation.

N. 89° 59' W., bet. secs. 4 and 33.

Over nearly level clay flat, through a very scattered growth of salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S 33 on N., and  
 S 4 on S. face

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high N. of cor.. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 4, 5, 32 and 33, marked  
 T5SS33 on NE.,  
 S4 on SE.,  
 T6SS5 on SW., and  
 R12WS32 on NW. face, with 4 notches on E., and 2 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument. Land, nearly level clay flat. Soil, dark, heavy, moist clay. A very scattered growth of salt grass on mile. No other vegetation.

N. 89° 59' W., bet. secs. 5 and 32.

Over nearly level clay flat, through very scattered hummocks and salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for sec. cor., marked

1/4 S 32 on N., and  
S 5 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked

T5SS32 on NE.,  
S 5 on SE.,  
T6SS6 on SW., and  
R12WS31 on NW. face, with 5 notches on N., and  
1 notch on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level clay flat; surface slightly broken by scattered hummocks.

Soil, dark, heavy, moist clay.

A very scattered growth of salt grass on mile. No other vegetation.

N. 89° 59' W. bet. secs. 6 and 31.

Over nearly level clay flat, through very scattered hummocks and salt grass..

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for 1/4 sec. cor., marked

1/4 S 31 on N., and  
S 6 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high N. of cor. Deposit a quart of glass at base of monument.

82.11 The cor. of Ts. 5 and 6 S., R. 12 W.

Land, nearly level clay flat; surface broken by hummocks  
Soil, dark, heavy, moist clay.  
Very scattered growth of salt grass on mile. No other vegetation.

NORTH BOUNDARY OF T. 6 S., R. 13 W.

Chains

angle

From the cor. of Ts. 5 and 6 S., R. 13 W.; thence West, on random line along N. bdy. of T. 6 S., R. 13 W. setting temp. 4 sec. and sec. cors. at intervals of 40.00 chs., and at 476.26 chs. intersect the Third Guide Mer W., 30 lrs. N. of the cor. of Ts. 5 and 6 S., R. 13 and 14 W., for description of which see the field notes of the 3rd Guide Mer. W., through T. 6 S., bet. R. 13 and 14 W. The falling answers to a correction of  $0^{\circ} 02'$  or 5 lrs. S. per mile, counting from NE. cor. of sp.; therefore from the cor. of Ts. 5 and 6 S., R. 13 W.,

S.  $89^{\circ} 58' W.$ , bet. secs. 1 and 36.

Over nearly level alkali flat, through very scattered growth of salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for 4 sec. cor., marked

S 36 on N., and  
S 1 on S. face.

Dig pits, 18 x 18 x 12 ins., N. and W. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 1, 2, 35 and 36, marked

T6S36 on NE.,  
S 1 on SE.,  
T6S32 on SW., and  
N13WS35 on NW. face, with 1 notch on E. and  
5 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay.

Very scattered growth of salt grass on mile. No other vegetation.

S.  $89^{\circ} 58' W.$ , bet. secs. 2 and 35.

Over nearly level alkali flat, through very scattered

3. growth of salt grass... Same as above.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for 1 sec. cor., marked

T5SS35 on N., and  
S 2 on S. face,

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high N. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 2, 3, 34 and 35, marked

T5SS35 on NE.,  
S2 on SE.,  
T6SS3 on SW., and

R13WS34, on NW. face, with 2 notches on E., and 4 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay.

Very scattered growth of salt grass on mile. No other vegetation.

S. 89° 58' W., bet. secs. 3 and 34.

Over nearly level alkali flat, through a very scattered growth of salt grass...

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for 1 sec. cor., marked

1/4 S 34 on N., and  
S 3 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 3, 4, 33 and 34, marked

Chains

T5SS34 on NE.,... line 18 divergent  
S3 on SE.,  
T6SS4 on SW., and ... line 18  
R13/S33 on NW. face, with 3 notches on E. and  
W. edges,...

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.  
and raise a mound of earth, 4 ft. base, 2 ft. high  
of cor. Deposit a quart of glass at base of monument.  
Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay.

Very scattered growth of salt grass on mile. No other  
vegetation.

S. 89° 58' W., bet. secs. 4 and 33.

Over nearly level alkali flat, through a very scattered  
growth of salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for ¼ sec. cor., marked

\* S 33 on N., and  
S 4 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.  
dist., and raise a mound of earth, 3½ ft. base, 1½  
ft. high N. of cor. Deposit a quart of glass at  
base, of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 4, 5, 32 and 33, marked

T5SS33 on NE.,...  
S4 on SE.,  
T6SS5 on SW., and  
R13WS32 on NW. face, with 4 notches on E. and  
2 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high W.  
of cor. Deposit a quart of glass at base of monument.  
Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay.

A very scattered growth of salt grass on mile. No other  
vegetation.

S. 89° 58' W., bet. secs. 5 and 32.

Over nearly level alkali flat, through a very scattered growth of salt grass.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 32 on N., and  
S 5 on S. face.

Dig pits, 18 x 18 x 12 ins.; E. and W. of post, 3 ft.

dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft.

high N. of cor. Deposit a quart of glass at base of monument.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for cor. of secs. 5, 6, 31 and 32, marked

T6SS32 on NE.,

S5 on SE.,

T6SS6 on SW., and

R13WS31 on NW. face, with 5 notches on E., and 1 notch on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.,

and raise a mound of earth, 4 ft. base, 2 ft. high W.

of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay.

A very scattered growth of salt grass on mile. No other vegetation.

S. 89° 58' W., bet. secs. 6 and 31.

Over nearly level alkali flat, through a very scattered growth of salt grass.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 31 on N., and  
S 6 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.

dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$

ft. high N. of cor. Deposit a quart of glass at

base of monument.

The cor. of T. 6 S. and R. 13 and 14 W.



Chains

Land, nearly level alkali flat, covered with low  
Soil, heavy, wet, sticky clay. Level within 1000  
Very scattered growth of salt grass on mile. No other  
vegetation.

WEST BOUNDARY OF T. 6 S., R. 14 W.

From the cor. of Ts. 6 and 7 S., Rs. 14 and 15 W.; then  
North, bet. secs. 31 and 36, along W. bdy. of T. 6 S.,  
R. 14 W.

Over nearly level clay flat, through very scattered  
growth of salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 36 on W., and  
S 31 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.  
dist., and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$   
ft. high W. of cor. Deposit a quart of glass at  
base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 25, 30, 31 and 36, marked

T6SS30 on NE.,  
R14WS31 on SE.,  
S36 on SW., and  
R15WS25 on NW. face, with 5 notches on N., and  
1 notch on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high W.  
of cor. Deposit a quart of glass at base of monument.

Land, nearly level clay flat.

Soil, heavy, moist, sticky clay.

Very scattered growth of salt grass on mile. No other  
vegetation.

North, bet. secs. 25 and 30.

Over nearly level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

1/4 S 25-42 W., and  
S 30 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.  
dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2  
ft. high W. of cor.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 19, 24, 25 and 30, marked

T6SS19 on NE.,  
R14WS30 on SE.,  
S25 on SW., and  
R15WS24 on NW. face, with 4 notches on N.; and  
2 notches on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5 1/2 ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high W.  
of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay; water 2 ins. below  
surface.

No vegetation.

North, bet. secs. 19 and 24.

Over nearly level alkali flat, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for 1/4 sec. cor., marked

1/4 S 24 on W., and  
S19 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.  
dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2  
ft. high W. of cor. Deposit a quart of glass at  
base of monument.

Enter very scattered growth of salt grass.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 13, 18, 19 and 24, marked

T6SS18 on NE.,  
R14WS19 on SE.,  
S24 on SW., and  
R15WS13 on NW. face, with 3 notches on N. and  
S. edges.

Dig pits, 18 x 18 x 12 ins., in each sec., 5 1/2 ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high W.  
of cor. Deposit a quart of glass at base of monument.

Chains

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay.

A very scattered growth of salt grass on E. 10.00  
of mile. No other vegetation.

North, bet. secs. 13 and 18.

Over nearly level alkali flat, through very scattered  
growth of salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 13 on W., and  
S 18 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.  
dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft.  
high W. of cor. Deposit a quart of glass at base  
of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 7, 12, 13 and 18, marked

T6SS7 on NE.,  
R14WS18 on SE.,  
S13 on SW., and  
R15WS12 on NW. face, with 2 notches on N., and  
4 notches on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high W.  
of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay.

A very scattered growth of salt grass on mile. No other  
vegetation.

North, bet. secs. 7 and 12.

Over nearly level alkali flat, through a very scattered  
growth of salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 12 on W., and  
S 7 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.

dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base of monument.

32.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 1, 6, 7 and 12, marked

T6SS6 on NE.,

R14WS7 on SE.,

S12 on SW., and

R15WS1 on NW. face, with 1 notch on N., and 5 notches on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level alkali flat.

Soil, heavy, wet, sticky clay.

A very scattered growth of salt grass on mile. No other vegetation.

North, bet. secs. 1 and 6.

Over nearly level alkali flat, through a very scattered growth of salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 1 on W., and  
S 6 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base, of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of Ts. 5 and 6 S., Rs. 14 and 15 W., marked

T5SS31 on NE.,

R14WS6 on SE.,

T6SS1 on SW., and

R15WS36 on NW. face, with 6 notches on N., S., E. and W. edges.

Dig pits, 18 x 18 x 12 ins., on each line, N., E., and

W. 3 ft. and S. of post, 7 ft. dist.; raise a mound of earth, 4 ft. base, 2 ft. high S. of cor. Deposit

Chains

21120

a quart of glass at base of monument. . . . .  
 land, nearly level alkali flat. . . . .  
 Soil, heavy, wet, sticky clay. . . . .  
 A very scattered growth of salt grass on mile. No other  
 vegetation. . . . .

## NORTH BOUNDARY OF T. 6 S., R. 14 W.

from the cor. of Ts. 5 and 6 S., Rs. 13 and 14 W., for  
 description of which see the field notes of 3rd  
 Guide Mer. . . , through T. 6 S., bet. Rs. 13 and 14 W.;  
 thence

West along N. bdy. of T. 6 S., R. 14 W., on random line,  
 setting temp. 4 sec. and sec. cors. at intervals of  
 40.00 chs., and at 477.68 chs. dist., intersect the  
 N. bdy. of Ts. 6 S., R. 15 W. at a point 12 lks. south  
 of the cor. of Ts. 5 and 6 S., Rs. 14 and 15 W. The  
 falling answers to a correction of  $0^{\circ} 01'$  or 2 lks. N.  
 per mile counting from E. cor. of Tp.; therefore  
 from the cor. of Ts. 5 and 6 S., Rs. 13 and 14 W.  
 N.  $89^{\circ} 59' W.$ , bet. secs. 1 and 36.

over nearly level land, through very scattered hummocks  
 and salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
 the ground for 4 sec. cor., marked

3 36 on N., and  
 3 1 on S. face.

Dig pits, 10 x 10 x 12 ins., E. and W. of post, 3 ft.  
 dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$   
 ft. high E. of cor. Deposit a quart of glass at  
 base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
 the ground for cor. of secs. 1, 2, 35 and 36, marked

T68336 on NE.,

3 1 on SE.,

T6832 on SW., and

1142136 on NW. face, with 1 notch on E., and  
 5 notches on W. edge.

Dig pits, 10 x 10 x 12 ins., on each sec., 40 ft. dist.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of sec. 2, 3, 34 and 35, marked

of cor. Deposit a quart of glass at base of monument.

Land, nearly level; surface broken by scattered hummocks

Soil, heavy, moist sandy clay.

Very scattered growth of salt grass on mile. No other vegetation.

N. 89° 59' W., bet. secs. 2 and 35.

Over nearly level land, through scattered hummocks and salt grass.

8.00 Hummocks and salt grass becomes more scattered.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 35 on N., and  
S 2 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high N. of cor. Deposit a quart of glass at base of monument.

50.00 Enter more scattered salt grass.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 2, 3, 34 and 35, marked

T5SS35 on NE.,  
S 2 on SE.,  
T6SS3 on SW., and  
R14WS34 on NW. face, with 2 notches on E., and  
4 notches on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level; surface broken by hummocks.

Soil, heavy, moist, sandy clay.

Scattered growth of salt grass on mile. No other vegetation.

N. 89° 59' W., bet. secs. 3 and 34.

Over nearly level clay flat, through very scattered growth of salt grass.

**NORTH BOUNDARY SURVEY, T. 14 N., R. 14 W., S. 33.**

Chains	
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., marked</p> <p><math>\frac{1}{4}</math> S 34 on N., and S 3 on S. face.</p> <p>Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high N. of cor. Deposit a quart of glass at base of monument.</p>
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 3, 4, 33 and 34, marked</p> <p>T5SS34 on NE., S 3 on SE., T6SS4 on SW., and R14WS33 on NW. face, with 3 notches on E. and W. edges.</p> <p>Dig pits, 18 x 18 x 12 ins., in each sec., <math>5\frac{1}{2}</math> ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.</p> <p>Land, nearly level clay flat.</p> <p>Soil, heavy, wet, sticky clay.</p> <p>Scattered growth of salt grass on mile. No other vegetation.</p>
	<p>N. <math>89^{\circ} 59' W.</math>, bet. secs. 4 and 33.</p> <p>Over nearly level clay flat, through a very scattered growth of salt grass.</p>
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., marked</p> <p><math>\frac{1}{4}</math> S 33 on N., and S 4 on S. face.</p> <p>Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high N. of cor. Deposit a quart of glass at base of post.</p>
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 4, 5, 32 and 33, marked</p> <p>T5SS33 on NE., S 4 on SE., T6SS5 on SW., and R14WS32 on NW. face, with 4 notches on E. and 2 notches on W. edge.</p>

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.,

and raise a mound of earth, 4 ft. base, 2 ft. high W.

of cor. Deposit a quart of glass at base of monument.

Land, nearly level clay flat.

Soil, heavy, wet, sticky clay.

A very scattered growth of salt grass on mile. No other vegetation.

N. 89° 59' W., bet. secs. 5 and 32.

Over nearly level clay flat, through scattered growth of salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for ¼ sec. cor., marked

¼ S 32 on N., and  
S 5 on S. face.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.

dist., and raise a mound of earth, 3½ ft. base, 1½

ft. high N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked

T5SS32 on NE.,  
S 5 on SE.,

T6SS6 on SW., and

R14WS31 on NW. face, with 5 notches on E., and 1 notch on W. edge.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.,

and raise a mound of earth, 4 ft. base, 2 ft. high W.

of cor. Deposit a quart of glass at base of monument.

Land, nearly level clay flat.

Soil, heavy, wet, sticky clay; water 2 ins. below surface.

A very scattered growth of salt grass on mile. No other vegetation.

N. 89° 59' W., bet. secs. 6 and 31.

Over nearly level alkali flat, through scattered growth

of salt grass.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in



# Chains

the ground for  $\frac{1}{4}$  sec. cor., marked  
 S 31 on N. and S 6 on S. face.  
 Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft.  
 dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$   
 ft. high N. of cor. Deposit a quart of glass at  
 base of monument.  
 77.68 The cor. of Ts. 5 and 6 S., Rs. 14 and 15 W.  
 Land, nearly level alkali flat.  
 Soil, heavy, wet, sticky clay; water 2 ins. below  
 surface.  
 A very scattered growth of salt grass on mile. No other  
 vegetation.

## WEST BOUNDARY OF T. 6 S., R. 15 W.

From the cor. of Ts. 6 and 7 S., Rs. 15 and 16 W.  
 North, bet. secs. 31 and 36.  
 Over nearly level clay flat, void of vegetation.  
 40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked  
 S 36 on W., and  
 S 31 on E. face.  
 Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.  
 dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$   
 ft. high W. of cor. Deposit a quart of glass at  
 base of monument.  
 72.00 Enter very scattered growth of salt grass, brs. E. and W.  
 80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
 the ground for cor. of secs. 25, 30, 31 and 36, marked  
 T6SS30 on NE.,  
 R15WS31 on SE.,  
 S36 on SW., and  
 R15WS25 on NW. face, with 5 notches on N., and  
 1 notch on S. edge.  
 Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.  
 and raise a mound of earth, 4 ft. base, 2 ft. high  
 of cor. Deposit a quart of glass at base of monument.  
 Land, nearly level clay flat.

Soil, heavy, wet, sticky clay.

Very scattered growth of salt grass on N. 8.00 chs. of mile. No other vegetation.

North, bet. secs. 25 and 30.

Over nearly level clay flat, through a very scattered growth of salt grass.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 25 on W. and  
S 30 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base of monument.

Leave all vegetation, brs. E. and W.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 19, 24, 25 and 30, marked

T6SS19 on NE.,  
R15WS30 on SE.,  
S25 on SW., and  
R16WS24 on NW. face, with 4 notches on N., and  
2 notches on S. edge.

Dig pits, 18 x 18 x 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level clay flat.

Soil, dark, heavy, wet, sticky clay.

Very scattered growth of salt grass on S. 56.00 chs. of mile is only vegetation.

North, bet. secs. 19 and 24.

Over nearly level clay flat, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 24 on W., and  
S19 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.

# WEST BOUNDARY OF T. 10 S., R. 11 W.

Chains

dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 13, 18, 19 and 24, marked

T6SS18 on NE.,  
R15WS19 on SE.,  
S24 on SW., and  
R16WS13 on NW. face, with 3 notches on N. and S. edges.

Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument.

Land, nearly level clay flat.

Soil, heavy, wet, sticky clay.

No vegetation.

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North, bet. secs. 13 and 18.

Over level clay flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for ¼ sec. cor., marked

¼ S 13 on W., and  
S 18 on E. face.

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 7, 12, 13 and 18, marked

T6SS7 on NE.,  
R15WS18 on SE.,  
S13 on SW., and  
R16WS12 on NW. face, with 4 notches on S., and 2 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec. 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level clay flat.

Soil, heavy, wet, sticky clay.

No vegetation.

North, bet. secs. 1 and 6.  
Over level clay flat, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 12 on W., and  
S 7 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

W. of cor. Deposit a quart of glass at base of post.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 1, 6, 7 and 12, marked

T6886 on NE.,

R15W87 on SE.,

S12 on SW., and

R16W S1 on NW face, with 1 notch on N. and  
5 notches on S. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist., and  
raise a mound of earth, 4 ft. base, 2 ft. high, W. of  
cor. Deposit a quart of glass at base of post.

Land, level clay flat.

Soil, dark, heavy, wet, sticky clay.

No vegetation.

North, bet. secs. 1 and 6.

Over level clay flat, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 1 on W., and  
S 6 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor. Deposit a quart of glass at base of post.

A saline brine encountered 2 ft. beneath the surface.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for corner of townships 5 and 6 south,  
ranges 15 and 16 west, marked

T58831 on NE.

R15W84 on SE.

T6881 on SW., and

R16W83 on NW face, with 6 notches on E., S.,  
E. and W. edges.

1881  
NORTH BOUNDARY OF T. 6 S., R. 15 W.

Chains

Dig pits 18x18x12 ins.; on each line, N., E. and W., 3 ft.; and S. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor.

Deposit a quart of glass at base of post.

Brine encountered 2 ft. beneath the surface.

Land, level alkali, clay flat.

Soil, dark, heavy, wet, sticky clay, saturated with mineral.

No vegetation.

From this township cor.

Twin Nipples on Wildcat Mt., bears N.62°16'E.

Tabby Peak in Cedar Range, bears N.74°48'E.

Peak on NE. end of Granite Mt., bears S.54°33'E.

Peak in Fish Spring Range, bears S.10°54'E.

High point of Dutch Mt., bears S.58°58'W.

NORTH BOUNDARY OF T. 6 S., R. 15 W.

From the cor. of Ts. 5 and 6 S., Rs. 14 and 15 W., hereinbefore described on page 115.

Thence

West along N. bdy. of T: 6 S., R: 15 W.; on random line, setting temp.  $\frac{1}{4}$  sec. and sec. cors. at intervals of 40.00 chs., and at 477.64 chs. dist., fall 3 lks. N. of the cor. of Ts: 5 and 6 S.; Rs: 15 and 16 W. The falling answers to a correction of 0° 00' or  $\frac{1}{3}$  lk. S. per mile counting from the NE. cor. of tp.; therefore return to the cor. of Ts. 5 and 6 S., Rs. 14 and 15 W. and run

West, bet. secs. 1 and 36.

Over level alkali, clay flat, with few scattered salt brush

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 36 on N., and  
S 1 on S. face.

Dig pits, 18x18x12 ins. E. and W. of post, 3 ft. dist.,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, marked  
no mark. T58336 on NE.,  
S1 on NE.,  
T6332 on SW., and  
R15WS35 on NW. face, with 1 notch on E. and  
5 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist., and  
raise a mound of earth, 4 ft. base, 2 ft. high, W.  
of cor. Deposit a quart of glass at base of post.  
Brine encountered within 2½ ft. beneath the surface.  
Land, level alkali and clay flat.

Soil, heavy, wet, sticky, seamed clay saturated with  
mineral.

Undergrowth, a few, small salt brush.

West, bet. secs. 2 and 35.

Over level flat with a few salt brush.

8.00 Leave all vegetation, bears N. and S.

35.90 N. of line about ¼ mile dist. is the S. end of low sand  
ridge extending northerly.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for ¼ sec. cor., marked  
½ S35 on N., and  
S2 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.,  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
N. of cor. Deposit a quart of glass at base of post.

Brine encountered within 2½ ft. beneath the surface.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 2, 3, 34 and 35, marked  
T58335 on NE.,  
S2 on NE.,  
T6333 on SW. and  
R15WS34 on NW. face, with 2 notches on E. and  
4 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec., 15½ ft. dist.,

# ROCK BOUNDARY OF T. 12N. 36E. 12W.

## Chains

and raise a mound of earth, 3 ft. base, 1 1/2 ft. high.  
W. of cor. Deposit a quart of glass at base of post.  
Land, level alkali and clay flat. No vegetation.  
Soil, heavy, wet, sticky clay, with thin alkali crust on surface.  
Undergrowth, few salt brush on E. side. None on remainder of mile.  
West, bet. secs. 3 and 34.  
Over level flat, void of vegetation.  
40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for 1/4 sec. cor., marked  
1/4 S34 on N., and  
1/4 S3 on S. face.  
Dig pits, 18x18x12 ins., E. and W. of post, 5 ft. dist. and raise a mound of earth, 3 ft. base, 1 1/2 ft. high.  
N. of cor. Deposit a quart of glass at base of post.  
80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked  
T5S34 on NE.,  
S3 on SE.,  
T6S34 on SW., and  
R15WS33 on NW. face, with 3 notches on E. and W. edges.  
Dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high.  
W. of cor. Deposit a quart of glass at base of post.  
Land, level alkali, clay flat.  
Soil, dark, wet, sealed clay.  
No vegetation.  
West, bet. secs. 4 and 33.  
Over level clay flat, void of vegetation.  
40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for 1/4 sec. cor., marked  
1/4 S33 on N., and  
1/4 S4 on S. face.  
Dig pits, 18x18x12 ins., E. and W. of post, 5 ft. dist.,

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor. Deposit a quart of glass at base of post.

Set a fir post 3 ft. long, 4 ins. square, 26 ins. in the  
ground, for cor. of secs. 4, 5, 32 and 33, marked

T5SS33 on NE.,

S4 on SE.,

T6SS5 on SW., and

R15WS33 on NW. face, with 4 notches on E. and  
2 notches on W. edge.

Dig pits,  $18 \times 18 \times 12$  ins. in each sec.,  $5\frac{1}{2}$  ft. dist., and  
raise a mound of earth, 4 ft. base, 2 ft. high, W. of  
cor. Deposit a quart of glass at base of post.

Land, level clay flat.

Soil, dark, wet, sticky seamed clay.

No vegetation.

West, bet. secs. 5 and 32.

Over level clay flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 32 on N., and

S 5 on S. face.

Dig pits,  $18 \times 18 \times 12$  ins., E. and W. of post, 3 ft. dist.,  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 5, 6, 31 and 32, marked

T5SS32 on NE.,

S5 on SE.,

T6SS6 on SW., and

R15WS31 on NW. face, with 5 notches on E.  
and 1 notch on W. edge.

Dig pits,  $18 \times 18 \times 12$  ins., in each sec.,  $5\frac{1}{2}$  ft. dist.,

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Land, level clay flat.

Soil, heavy, wet, sticky clay.

No vegetation.



# **NORTH BOUNDARY OF T. 6 S., R. 16 W.**

Chains

West, bet. secs. 3 and 32. To monument a water hole.

Over level clay flat, void of vegetation. To N. of post.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 31 on N., and  
S 6 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor. Deposit a quart of glass at base of post.

77.64 Intersect the cor. of townships 5 and 6 south, ranges 15 and 16 west.

Land, level clay flat.

Soil, heavy, wet, sticky clay, saturated with mineral.

No vegetation.

## **NORTH BOUNDARY OF T. 6 S., R. 16 W.**

From the cor. of townships 5 and 6 south, ranges 15 and 16 west, hereinbefore described on page 123, thence

S.  $89^{\circ}59'$  W., on random line along N. bdy. of T. 6 S., R. 16 W., setting temp.  $\frac{1}{4}$  sec. and sec. cors. at intervals of 40.00 chs., and at 456.35 chs. dist., intersect N. and S. line, 6 lks. S. of the corner of townships 5 and 6 south, range 16 west, hereinbefore described on page 32. The falling answers to a correction of  $0^{\circ}00'$  or 1 lk. N. per mile counting from the NE. cor. of the tp. therefore return to the cor. of T. 5 and 6 S., R. 15 and 16 W. and run

S.  $89^{\circ}59'$  W., bet. secs. 1 and 36 on true line along N. bdy. of T. 6 S., R. 16 W.

Over level clay flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 36 on N., and  
S 1 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

N. of cor. Deposit a quart of glass at base of post.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 1, 2, 35 and 36, marked

T58S36 on NE.,

S1 on SE.,

T68S35 on SW., and

R16WS35 on NW. face, with 1 notch on E. and 2 notches on W. edge.

Dig pits,  $18 \times 18 \times 12$  ins., in each sec.,  $5\frac{1}{2}$  ft. dist., and

raise a mound of earth, 4 ft. base, 2 ft. high, W. of

cor. Deposit a quart of glass at base of post.

Land, level clay and alkali flat.

Soil, heavy, wet, sticky clay saturated with mineral.

No vegetation.

S.  $89^{\circ}59'$  W., bet. secs. 2 and 35.

Over level flat, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 35 on W., and

S 2 on S. face.

Dig pits,  $18 \times 18 \times 12$  ins., E. and W. of post, 3 ft. dist.,

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

N. of cor. Deposit a quart of glass at base of post.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for cor. of secs. 2, 3, 34 and 35, marked

T58S35 on NE.,

S2 on SE.,

T68S33 on SW., and

R16WS34 on NW. face, with 2 notches on E. and 4 notches on W. edge.

Dig pits  $18 \times 18 \times 12$  ins. in each sec.  $5\frac{1}{2}$  ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Deposit a quart of glass at base of post.

Land, level alkali flat.

Soil, light colored, wet, sticky clay. No vegetation.

S.  $89^{\circ}59'$  W., bet. secs. 3 and 34.

Over level flat, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

# NORTH BOUNDARY OF THE ...

Chains

the ground for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S 34 on N., and  
 S 3 on S. face.  
 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.  
 and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high  
 N. of cor. Deposit a quart of glass at base of post.  
 80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
 the ground, for cor. of secs. 3, 4, 33 and 34, marked  
 T5SS34 on NE.,  
 S3 on SE.,  
 T6SS4 on SW., and  
 R16WS33 on NW. face, with 3 notches on E.  
 and W. edges.  
 Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist., and  
 raise a mound of earth, 4 ft. base, 2 ft. high, W.  
 of cor. Deposit a quart of glass at base of post.  
 Land, level alkali, clay flat.  
 Soil, wet, sticky, white seamed clay.  
 No vegetation.  


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 S. 89°59' W., bet. secs. 4 and 33.  
 Over level flat, void of vegetation.  
 40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S 33 on N., and  
 S 4 on S. face.  
 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.,  
 and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor. Deposit a quart of glass at base of post.  
 80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
 the ground for cor. of secs. 4, 5, 32 and 33, marked  
 T5SS33 on NE.,  
 S4 on SE.,  
 T6SS5 on SW., and  
 R16WS32 on NW. face, with 4 notches on E. and  
 2 notches on W. edge.  
 Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.,  
 and raise a mound of earth, 4 ft. base, 2 ft. high,  
 W. of cor. Deposit a quart of glass at base of post.  
 Land, level alkali and clay flat.

2014-10-10

Soil, wet, sticky, light-colored clay.

Vegetation, Ins 2 aginsawoj to record a point.

no bedrock exposed, Jack H. H.

S. 89°59' W., bet. secs. 5 and 32.

W in .R .S 3 .T to .ybd .W gndls shif .

Over level flat, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

excavated base, 18x18x12 ins., E. and W. of post, 3 ft. dist.,

the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 32 on N., and

$\frac{1}{4}$  S 32 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.,

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

N. of cor. Deposit a quart of glass at base of post.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground, for cor. of secs. 5, 6, 31 and 32, marked

T58S32 on NE.,

S5 on SE.,

T6S36 on SW., and

R16WS31 on NW. face, with 5 notches on E. and

1 notch on W. edge.

Dig pits, 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist. and raise

a mound of earth, 4 ft. base, 2 ft. high. W. of cor.

Deposit a quart of glass at base of post.

Land, level alkali, clay flat.

Spill, wet, sticky seamed clay. No vegetation.

S. 89°59' W., bet. secs. 6 and 31.

Over level flat, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 31 on N., and

S 6 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.,

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

N. of cor. Deposit a quart of glass at base of post.

Intersect the corner of townships 5 and 6 south, range

16 West.

Land, level alkali, clay flat.

Soil, dark, heavy, wet, sticky clay, saturated with

mineral.

N.  $\frac{1}{4}$  sec. 33.

W no 338  $\frac{1}{4}$

east  $\frac{1}{4}$  no 338

No vegetation.

# WEST BOUNDARY OF T. 5 S., R. 11 W.

Chains

## WEST BOUNDARY OF T. 5 S., R. 11 W.

From the corner of townships 5 and 6 south, ranges 11 and 12 west, hereinbefore described on page 86, the notes.

North, on true line along W. bdy. of T. 5 S., R. 11 W. bet. secs. 31 and 36.

Over level flat, surface broken by scattered hummocks which are covered with salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S36 on W. and  
S31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 25, 30, 31 and 36, marked  
T5SS30 on NE.,  
R11WS31 on SE.,  
S36 on SW., and  
R12WS25 on NW. face, with 1 notch on S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post.

Land, level clay flat, surface broken by small, scattered hummocks.

Soil, wet, sticky clay and sandy clay, saturated with saline mineral.

Undergrowth, very scattered salt brush on the hummocks.

North, bet. secs. 25 and 30.

Over level clay flat, surface broken by few hummocks with few salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S25 on W., and  
S30 on E. face.

3.00 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of cor. Deposit a quart of glass at base of post.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 19, 24, 25 and 30, marked

- T58S19 on NE.,
- R11W30 on SE.,
- S25 on SW., and
- R12W324 on NW. face, with 2 notches on S. and 4 notches on N. edge.

5.00 Dig pits, 18x18x12 ins. in each sec., 5 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of post.

Soil, level clay flat surface broken by few small hummocks. Soil, wet, sticky clay and sandy clay saturated with mineral. Undergrowth, very scattered salt brush.

North, bet. secs. 19 and 24. Over level clay flat, through very scattered salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for 1/4 sec. cor., marked  
 1/4 S 24 on W., and  
 S 19 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of cor. Deposit a quart of glass at base of post.

9.00 Sand ridge about 7 ft. high, extends E. 1 1/2 chs. and W. about 8 chs. dist. to end.

0.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 13, 18, 19 and 24, marked

- T58S18 on NE.,
- R11W319 on SE.,
- S24 on SW., and
- R12W313 on NW. face, with 3 notches on N. and S. edges.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post.

Land, nearly level clay flat, with long sand ridge on N. Soil, wet, sticky clay and sandy clay saturated with mineral. Undergrowth, very scattered salt brush.

Chains	
	Soil, wet, sticky clay and sandy clay.
	Undergrowth, very scattered salt brush.
	North, bet. secs. 13 and 18.
	Over nearly level flat through very scattered salt brush.
30.00	A low sand ridge bearing N. and S., bears E. of line 4 chs. dist.
35.00	A small sand knoll, bears W. of line about 8 chs. dist.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 13 on W., and S 18 on E. face.
	Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high W. of cor. Deposit a quart of glass at base of post.
55.00	Enter more salt brush and hummocks, bears E. and W.
79.50	S. base of low sand dunes, bears NW. and SE.
80.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 7, 12, 13 and 18, mark T5SS7 on NE., R11WS18 on SE., S13 on SW., and R12WS12 on NW face, with 4 notches on E. and 2 notches on N. edge.
	Deposit glass at base of post.
	Loose sand make pits impracticable.
	Land, nearly level flat, surface broken by few, low sandy ridges or rises, and hummocks.
	Soil, damp to wet sandy clay.
	Undergrowth, scattered salt brush.
	North, bet. secs. 7 and 12.
	Over low sand dunes with a few grasswoods.
6.50	Top of sand dunes, bears NW. and SE.
20.00	Leave sand dunes, enter level clay flat with scattered hummocks and salt brush.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for  $\frac{1}{4}$  sec. cor., marked

+ S 12 on W., and  
S 7 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

W. of cor. Deposit a quart of glass at base of post.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for cor. of secs. 1, 6, 7 and 12, marked

T5SS6 on NE.,

R11WS7 on SE.,

S12 on SW., and

R12WS1 on NW. face, with 5 notches on S.  
and 1 notch on N. edge.

Dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist. and raise  
a mound of earth,  $4\frac{1}{2}$  ft. base, 2 ft. high. W. of cor.

Deposit a quart of glass at base of post.

Land, nearly level clay flat and low sand dunes.

Soil, wet, sticky sandy clay and sand.

Undergrowth, scattered salt brush and few greasewoods.

North, bet. secs. 1 and 6.

Over nearly level flat, surface broken by scattered  
hummocks covered with salt brush.

29.48 Intersect the 1st standard parallel south in range 11  
west, at East, 10.97 chs. dist. from the SC of TS.

and 4 S., Ra. 11 and 12 W., established by me under this  
Group and described on page 55 of book "F".

At point of intersection,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for closing corner of township 5 south,

ranges 11 and 12 west, marked

T5S 66 on S.,

R11WS6 on E., and

R12WS1 on W. face, with 6 grooves on E.,  
W. and S. faces.

Dig pits, 18x18x12 ins., E. and W., 3 ft., and S. of

post, 7 ft. dist.; and raise a mound of earth, 4 ft.

base, 2 ft. high, S. of cor. Deposit a quart of  
glass at base of post.

Land, nearly level alkali flat on the Great Salt Lake

Desert. Soil, wet, sticky sandy clay, saturated with mineral.



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WEST BOUNDARY OF T. 5 S., R. 12 W.  
AND  
EAST BOUNDARY OF T. 5 S., R. 13 W.

Chains

Undergrowth, scattered salt brush.

WEST BOUNDARY OF T. 5 S., R. 12 W.  
and  
EAST BOUNDARY OF T. 5 S., R. 13 W.

From the corner of townships 5 and 6 south, range 12 west, hereinbefore described on page 103.

thence

North, along range line on E. bdy. sec. 36, T. 5 S., R. 13 W., counting distances from the cor. of Ts. 5 and 6 S., R. 13 W., which is South, 10.27 chs. dist.

Over level alkali-clay flat through few salt brush.

30.00 Enter large hummocks, bears E. and W.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., sec. 36 only, marked  $\frac{1}{4}$  S 36 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Deposit glass at base of post.

50.27 Northing of 40.00 chs. from the cor. of Ts. 5 & 6 S., R. 12 W.,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., sec. 31 only, marked  $\frac{1}{4}$  S 31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high E. of cor. Deposit a quart of glass at base of post.

45.00 Enter low sandy rise with large hummocks, extends E. and W. about  $\frac{1}{4}$  mile dist.

71.00 Leave rise, bears E. and W.; continue over flat.

80.00 At S. base of sand rises, bears NW. and E., Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 25 and 36, T. 5 S., R. 13 W., marked

T5S36 on SW. and  
R13W25 on NW. face, with 1 notch on E. and  
5 notches on N. edge.

Deposit a quart of glass at base of post.  
Loose sand makes pits impracticable.  
Sand, nearly level flat, surface broken by sandy hummocks  
and low rises.  
Soil, moist, sticky sandy clay, and loose sand.  
Undergrowth, scattered salt brush.

North, on E. bdy. sec. 25.

Across low, rolling sand ridges or rises covered with  
few salt brush; loose sand. The sand ridges extend  
easterly about 15 chs. dist to end, and bears north-  
westerly to base of Wildcat Mt.

0.27 Northing of 80.00 chs. from the cor. of Ts. 5 & 6 S.,  
R. 12 W.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 30 and 31, R. 12 W.,  
marked

T58830 on NE., and  
R12WS31 on SE. face, with 1 notch on S.  
and 5 notches on N. edge.

Deposit a quart of glass at base of post.  
Loose sand make pits impracticable.

2.30 Leave sand ridges, enter level clay flat with few salt  
brush, bears NW. and SE.

0.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., sec. 25, marked  
 $\frac{1}{4}$  S 25 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor. Deposit a quart of glass at base of post.  
A small sandy knoll bears W. of line about 3 chs. dist.

0.27 Northing of 40.00 chs. from cor. of secs. 30 and 31.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., sec. 30 only, marked  
 $\frac{1}{4}$  S 30 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,

WEST BOUNDARY OF T. 15 S. R. 10 E. S. 10 N.  
AND  
EAST BOUNDARY OF T. 15 S. R. 10 E. S. 10 N.

Chains	
80.00	<p>and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high E. of cor. Deposit a quart of glass at base of post.</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 24 and 25 only, marked T5SS25 on SW., and R13WS24 on NW face, with 2 notches on S, and 4 notches on N. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., <math>5\frac{1}{2}</math> ft. dist., and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high W. of cor. Deposit a quart of glass at base of post.</p> <p>Land, level flat on N. portion and low sand ridges on S portion.</p> <p>Soil, wet, sticky clay, sandy clay, and loose sand.</p> <p>Undergrowth, scattered salt brush.</p>
10.27	<p>North, along W. bdy. sec. 24.</p> <p>Over level flat with few salt brush.</p> <p>Northing of 80.00 chs. from the cor. secs. 30 and 31, Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in t ground for cor. of secs. 19 and 30 only, marked T5SS19 on NE., and R12WS30 on SE. face, with 2 notches on S. and 4 notches on N. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., <math>5\frac{1}{2}</math> ft. dist., and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high E. of cor. Deposit a quart of glass at base of post.</p>
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., sec. 24 only, marked <math>\frac{1}{4}</math> S 24 on W. face.</p> <p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high W. of cor. Deposit a quart of glass at base of post.</p>
50.27	<p>Northing of 40.00 chs. from cor. secs. 19 and 30 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., sec. 19 only, marked <math>\frac{1}{4}</math> S 19 on E. face.</p> <p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.</p>

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

E. of cor. Deposit a quart of glass at base of post.

E. end of low sand ridge, bears W. of line about 10 chs. dist.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for cor. of secs. 13 and 24 only, marked

T5SS24 on SW., and

R13WS13 on NW face, with 3 notches on

N. and S. edges.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.,

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

W. of cor. Deposit a quart of glass at base of post.

Land, level clay flat.

Soil, wet, sticky clay and sandy clay.

Undergrowth, few salt brush.

North, along E. bdy. of sec. 13.

Over level flat through few scattered salt brush.

Northing of 80.00 chs. from cor. of secs. 19 and 30.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for cor. of secs. 18 and 19 only, marked

T5SS18 on NE., and

R12WS19 on SE. face, with 3 notches on

N. and S. edges.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist., and

raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

E. of cor. Deposit a quart of glass at base of post.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for  $\frac{1}{4}$  sec. cor., sec. 23 only, marked

$\frac{1}{4}$  S 13 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

W. of cor. Deposit a quart of glass at base of post.

Northing of 40.00 chs. from cor. of secs. 18 and 19.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for  $\frac{1}{4}$  sec. cor., sec. 18 only, marked

$\frac{1}{4}$  S 18 on E. face.

**WEST BOUNDARY OF THE NATIONAL MONUMENT**  
**EAST BOUNDARY OF THE NATIONAL MONUMENT**

Chains		<p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high. E. of cor. Deposit a quart of glass at base of post.</p> <p>Leave nearly all vegetation at this cor.</p>
80.00		<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 12 and 13 only, marked T5SS13 on SW., and R13WS12 on NW. face, with 4 notches on S. and 2 notches on N. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high. W. of cor. Deposit a quart of glass at base of post.</p> <p>Land, level flat.</p> <p>Soil, wet, sticky sandy clay, and heavy clay.</p> <p>Undergrowth, few scattered salt brush on S. portion.</p>
		<p>North, along E. bdy. sec. 12.</p> <p>Over level flat, void of vegetation.</p>
10.27		<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 7 and 18, marked T5SS7 on NE., and R12WS18 on SE. face, with 4 notches on S. and 2 notches on N. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high. E. of cor. Deposit a quart of glass at base of post.</p> <p>From this cor. A black boulder bears N.38°12'E., about 17½ chs. dist.</p>
40.00		<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for ¼ sec. cor., sec. 12 only, marked ¼ S 12 on W. face.</p> <p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high. W. of cor. Deposit a quart of glass at base of post.</p> <p>The black boulder noted from cor. of secs. 7 and 18, bears S.34°15'E., about 19 chs. dist.</p>
50.27		<p>Northing of 40.00 chs. from the cor. of secs. 7 and 18,</p>

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for cor. of secs. 7 and 12 only, marked

T5S7 on E. face:

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,

and raise a mound of earth, 3½ ft. base, 1½ ft. high,

E. of cor. Deposit a quart of glass at base of post.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for cor. of secs. 1 and 12 only, marked

T5S12 on SW., and

R12WS1 on NW. face, with 5 notches on

S. and 1 notch on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.,

and raise a mound of earth, 3½ ft. base, 1½ ft. high,

W. of cor. Deposit a quart of glass at base of post.

Land, level flat.

Soil, wet, sticky sandy clay.

No vegetation.

North, along E. bdy. sec. 1.

Over level flat, void of vegetation.

Nothing of 80 to 100 yds. from the cor. of secs. 7 and 18.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for cor. of secs. 6 and 7 only, marked

T5S6 on NE., and

R12WS7 on SE. face, with 5 notches on

S. and 1 notch on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.,

and raise a mound of earth, 3½ ft. base, 1½ ft. high,

E. of cor. Deposit a quart of glass at base of post.

Enter few scattered salt brush.

Intersect the 1st Standard Parallel South in range 12 W.,

East, 9.11 chs. dist. from the SE. of T. 4 S., R.

12 and 13 W., established by me under this Group and

described in book "F". At point of intersection,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for closing corner of township 5 south,

ranges 12 and 13 west, marked

**WEST BOUNDARY OF T. 5 S., R. 14 W.**

Chains

CC135 on S.,  
R12736 on E., and  
R13781 on W. face, with 6 grooves on E.  
and S. faces.

Dig pits, 18x18x12 ins., E. and W., 3 ft. dist. of  
7 ft. dist., and raise a mound of earth, 4 ft. base  
2 ft. high, S. of cor. Deposit a quart of glass at  
base of post.

Land, level clay flat on the Great Salt Lake Desert or  
Basin.

Soil, wet, sticky clay mixed with some sand, saturated  
with mineral of saline character.

Undergrowth, a few small salt brush at N. end of mile.

From this cor. A stone monument on S. end of Wilcoat  
Mountain, bears N. 63° 43' W.

**WEST BOUNDARY OF T. 5 S., R. 14 W.**

From the corner of townships 5 and 6 south, ranges 14  
and 15 west, hereinbefore described on page 115.

thence

North, bet. secs. 31 and 36, along W. bdy. of T. 5 S.,  
R. 14 W.

Over level alkali flat through few scattered salt brush

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 36 on W., and  
S 31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.  
and raise a mound of earth, 3 ft. base, 1 ft. high  
W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 25, 30, 31 and 36, mark

T58330 on NE,  
R147831 on SE,  
S36 on SW., and  
R157825 on NW. face, with 1 notch on S.  
and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec. 25, 30, 31 and 36, 3 ft. dist.

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

land, level alkali-clay flat.

Soil, moist to wet, sticky clay, saturated with mineral.

Undergrowth, very scattered growth of small salt brush.

North, bet. secs. 25 and 30.

Over level flat, through very scattered salt brush.

49.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 25 on W., and  
S 30 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

W. of cor. Deposit a quart of glass at base of post.

56.00 Enter thicker salt brush, bears NW. and E.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 19, 24, 25 and 30, marked

T5SS19 on NE.,  
R14WS30 on SE.,  
S25 on SW.; and  
R15WS24 on NW. face, with 2 notches on  
S. and 4 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.,

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Land, level alkali-clay flat.

Soil, moist, sticky clay.

Undergrowth, scattered salt brush.

North, bet. secs. 19 and 24.

Over level flat, through scattered salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 24 on W., and  
S 19 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,



Chains	
	<p>and raise a mound of earth, 3½ ft. base, 1½ ft. high.</p> <p>W. of cor. Deposit a quart of glass at base of post.</p>
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 13, 18, 19 and 24, marked</p> <p>T5SS18 on NE., R14WS19 on SE., S24 on SW., and R15WS13 on NW. face, with 3 notches on N. and S. edges.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high.</p> <p>W. of cor. Deposit a quart of glass at base of post.</p> <p>Land, level alkali-clay flat.</p> <p>Soil, heavy, moist, sticky clay.</p> <p>Undergrowth, scattered salt brush.</p>
	<hr/> <p>North, bet. secs. 13 and 18.</p> <p>Over level flat, through scattered salt brush.</p>
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for ¼ sec. cor., marked</p> <p>¼ S 13 on W., and S 18 on E. face.</p> <p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high.</p> <p>W. of cor. Deposit a quart of glass at base of post.</p>
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 7, 12, 13 and 18, marked</p> <p>T5SS7 on NE., R14WS18 on SE., S13 on SW., and R15WS12 on NW. face, with 4 notches on S. and 2 notches on N. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high.</p> <p>W. of cor. Deposit a quart of glass at base of post.</p> <p>Land, level alkali-clay flat.</p> <p>Soil, heavy, moist, sticky clay.</p> <p>Undergrowth, scattered salt brush.</p>

North, bet. secs. 7 and 12.

Over level flat, through few scattered salt brush.

38.00 Leave clay flat, enter sandy rise at about 20 to 30 ft.

above flat, covered with scattered greasewoods and  
match brush, bears NE. and S. 80° W.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 12 on W., and  
S 7 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor. Deposit a quart of glass at base of post.

45.00 Enter large hummocks on the rise.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 1, 6, 7 and 12, marked

T5SS6 on NE.,  
R14WS7 on SE.,  
S12 on SW., and  
R15WS1 on NW. face, with 5 notches on S.  
and 1 notch on N. edge.

Deposit a quart of glass at base of post.

Loose sand make pits impracticable.

Land; S. 38 chs. level alkali-clay flat; N. 42 chs. is  
gently rolling sandy rise, broken by hummocks, lying  
at elevation of about 20 to 30 ft. above the flat.

Soil, moist to wet, sticky clay and sandy clay on flat;  
firm to loose sand, mixed with some clay, dry, on  
the rise.

Undergrowth, salt brush on clay flat; scattered grease-  
woods and match brush on the rise.

North, bet. secs. 1 and 6.

Over low, rolling sandy rises or hills, covered with a  
medium undergrowth.

39.85 Intersect the First Standard Parallel South in R. 14 W.,

East, 16.12 chs. dist. from the S.C. of T. 4 S., Rs.

14 and 15 W., as established by me under this Group

and described in book. T. 5 N., R. 14 W.

Chains

At point of intersection,  
Set a fir post, 3 ft. long, 4 ins. square, 26 ins. the ground for closing corner of township 5 south, ranges 14 and 15 west, marked

CC T5S on S.,  
R14WS6 on E., and  
R15WS1 on W. face, with 6 grooves on E.,  
W. and S. faces.

Dig pits, 18x18x12 ins., on line, E. and W., 3 ft., and  
S. of cor. 7 ft. dist., and raise a mound of earth,  
4 ft. base, 2 ft. high, S. of cor. Deposit a quart  
of glass at base of post.

Land, low, rolling sandy rises or hilla, lying at an  
elevation of 20 to 50 ft. above clay flat.

Soil, hard-packed and firm sand, mixed with some clay.

Undergrowth, medium greasewood, match brush and shade.  
scale.

WEST BOUNDARY OF T. 5 S., R. 15 W.

From the corner of townships 5 and 6 south, ranges 15  
and 16 west, hereinbefore described on page 123.  
thence

North, bet. secs. 31 and 36, along W. bdy. of T. 5 S.,  
R. 15 W.

Over level alkali-clay flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S 36 on W., and  
S 31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor. Deposit a quart of glass around post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 25, 30, 31 and 36, marked  
T5S30 on NE.,  
R15WS31 on SE.,  
S36 on SW., and  
R16WS25 on NW. face, with 1 notch on  
S and 5 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit a quart of glass at base of post.  
Land, level alkali-clay flat.

Soil, dark, heavy, wet, sticky clay, saturated with  
mineral. Slight salt crust on surface.

No vegetation.

No vegetation.

North, bet. secs. 25 and 30.

Over level flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for ¼ sec. cor., marked

¼ S 25 on W., and  
S 30 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 19, 24, 25 and 30, marked

T5SS19 on NE.,  
R15WS30 on SE.,  
S25 on SW., and  
R16WS24 on NW. face, with 2 notches on  
S. and 4 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit a quart of glass at base of post.

Land, level alkali-clay flat.

Soil, heavy, wet, sticky clay.

No vegetation.

North, bet. secs. 19 and 24.

Over level flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for ¼ sec. cor., marked

¼ S 24 on W., and  
S 19 on E. face.

W. and E. face.

Chains

Big pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,  
and raise a mound of earth, 3 ft. base, 1 ft. high,  
W. of cor. Deposit a quart of glass at base of post.  
80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 13, 18, 19 and 20, marked  
T5SS18 on NW.,  
R15WS19 on SE.,  
S24 on SW., and  
R16WS13 on NW. face, with 3 notches on  
N. and S. edges.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit a quart of glass at base of post.  
Land, level alkali flat.  
Soil, wet, sticky clay. Slight salt crust on surface.  
No vegetation.

North, bet. secs. 13 and 18,  
Over level flat, void of vegetation.  
40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S 13 on W., and  
S 18 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,  
and raise a mound of earth, 3 ft. base, 1 ft. high,  
W. of cor. Deposit a quart of glass at base of post.  
80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 17, 12, 13 and 18, marked  
T5SS7 on NW.,  
R15WS18 on SE.,  
S13 on SW., and  
R16WS12 on NW. face, with 4 notches on S.  
and 2 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit a quart of glass at base of post.  
Land, level alkali-clay flat.  
Soil, wet, sticky clay.  
No vegetation.  
T5SS23 on NW. face, with 1 notch on  
S. and 2 notches on N. edge.

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North, bet. secs. 7 and 12.

Over level flat, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 12 on W., and  
S 7 on E. face.

Dig pits, 18x18x13 ins., N. and S. of post, 3 ft. dist.,

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

W. of cor. Deposit a quart of glass at base of post.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, marked

T5886 on NE.,  
R15WS7 on SE.,  
S12 on SW., and  
R16WS1 on NW. face, with 5 notches on  
S. and 1 notch on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.,

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Land, level alkali-clay flat.

Soil, heavy, wet, sticky clay; slight salt crust on surface.

No vegetation.

North, bet. secs. 1 and 6.

Over level flat, void of vegetation.

Enter few scattered salt brush.

Intersect the First Standard Parallel South, in R. 15 W. East, 27.76 chs. dist. from the standard SW. cor. of T. 4 S., R. 15 W., as established by me under this

Group and described in book "F".

At point of intersection.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for closing corner of township 5 south,

marked

T5886 on E., with 6 notches on E. face, with 6 grooves on E., W. and S. faces.

WEST BOUNDARY OF T5C5 VRAINCOSE  
AND GUA  
EAST BOUNDARY OF T5C5 VRAINCOSE

Chains

- ... Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high. E. of cor. Deposit a quart of glass at base of post.
- 80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 24 and 25 only, marked T5SS25 on SW., and R17WS24 on NW. face, with 2 notches on S. and 4 notches on N. edge.
- ... Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high. W. of cor. Deposit a quart of glass at base of post. Land, level alkali-clay flat. Soil, wet, sticky clay, with slight salty crust on surf. No vegetation.
- 
- North, along E. bdy. sec. 24. Over level flat, void of vegetation.
- 28.73 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for ¼ sec. cor., sec. 19 only, marked ¼ S 19 on E. face.
- ... Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high. E. of cor. Deposit a quart of glass at base of post.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for ¼ sec. cor., sec. 24 only, marked ¼ S 24 on W. face.
- ... Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high. W. of cor. Deposit a quart of glass at base of post.
- 68.73 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 18 and 19 only, marked T5SS18 on NE., and R16WS19 on SE. face, with 3 notches on N. and S. edges.
- ... Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high. E. of cor. Deposit a quart of glass at base of post.

22.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 13 and 24 only, marked

T5SS24 on SW., and  
R17WS13 on NW. face, with 3 notches  
on E. and S. edges.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.,  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
W. of cor. Deposit a quart of glass at base of post.  
Land, level alkali-clay flat.

Soil, wet, sticky clay, saturated with mineral.

Undergrowth, none.

North, along E. bdy. sec. 13:

Over level flat, void of vegetation.

28.73 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for ¼ sec. cor., sec. 18 only, marked  
¼ S 18 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
E. of cor. Deposit a quart of glass at base of post.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for ¼ sec. cor., sec. 13 only, marked  
¼ S 13 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
W. of cor. Deposit a quart of glass at base of post.

68.73 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 7 and 18 only, marked

T5SS7 on NE., and  
R16WS18 on SE. face, with 4 notches on  
S. and 2 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.,  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
E. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 12 and 13 only, marked

T5SS13 on SW., and



WEST BOUNDARY OF T5S36R12E  
AND  
EAST BOUNDARY OF T5S36R12E

Chains

T5SS13 on SW., and  
R17WS12 on NW face, with 4 notches on  
S. and 2 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.,  
and raise a mound of earth, 3½ ft. base, 1½ ft. high

W. of cor. Deposit a quart of glass at base of post.

Land, level alkali-clay flat.

Soil, wet, sticky clay.

No vegetation.

North, along E. bdy. sec. 12.

Over level flat, void of vegetation.

28.73 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for ¼ sec. cor., sec. 7 only, marked  
¼ S 7 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.  
and raise a mound of earth, 3½ ft. base, 1½ ft. high  
E. of cor. Deposit a quart of glass at base of post.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for ¼ sec. cor., sec. 12 only, marked  
¼ S 12 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.  
and raise a mound of earth, 3½ ft. base, 1½ ft. high  
W. of cor. Deposit a quart of glass at base of post.

68.73 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 6 and 7 only, marked

T5SS6 on NE., and  
R16WS7 on SE. face, with 5 notches on S.  
and 1 notch on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.,  
and raise a mound of earth, 3½ ft. base, 1½ ft. high  
E. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 1 and 12 only, marked

T5SS12 on SW., and  
R17WS1 on NW. face, with 5 notches on  
S. and 1 notch on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.,

EAST BOUNDARY OF T. 5 S., R. 16 W.  
AND  
EAST BOUNDARY OF T. 5 S., R. 17 W.

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
E. of cor. Deposit a quart of glass at base of post.

Land, level alkali-clay flat.

Soil, wet, sticky clay.

No vegetation.

North, along E. bdy. sec. 1.

Over level flat, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., sec. 6 only, marked  
 $\frac{1}{4}$  S 6 on E. face.

Dig pits,  $18 \times 18 \times 12$  ins., N. and S. of post, 3 ft. dist.,  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
E. of cor. Deposit a quart of glass at base of post.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., sec. 1 only, marked  
 $\frac{1}{4}$  S 1 on W. face.

Dig pits,  $18 \times 18 \times 12$  ins., N. and S. of post, 3 ft. dist.,  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor. Deposit a quart of glass at base of post.

Intersect the First Auxiliary Standard Parallel South,  
West, 88 lks. dist. from the S.C. of T. 4 S., Rs.  
16 and 17 W., as established by me under this Group  
and described in book "F".

At point of intersection,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins.  
in the ground for closing corner of township 5 south,  
ranges 16 and 17 west, marked

GC T58 on S.,  
R16WS6 on E., and  
R17WS1 on W. face, with 6 grooves on E.,  
W. and S. faces.

Dig pits,  $18 \times 18 \times 12$  ins., E. and W., 3 ft., and S. of post,  
7 ft. dist., and raise a mound of earth, 4 ft. base,  
2 ft. high, S. of cor. Deposit a quart of glass at  
base of post.

**Abstract**

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

**INDEX**

The abandoned Lincoln Highway from Orr's Ranch to Gold Hill, Utah, extends in an easterly and westerly direct through T. 7 S., Rs. 11, 12, and 13 W., and through T. 8 S., Rs. 14, 15, and 16 W. Through ranges 14, 15, and 16 W., this road is graded across the desert and it difficult to travel during the winter months or in stormy weather on account of mud and the saturated condition of the desert.

Page 10 of 10

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**NAMES.**

## CAPACITY

**Sheldon Christensen**

**Chairman**

## Len Sutton

Chairman

THE

**Chairman**

# STEWART

Flagman

**JOHN BOWEN**

**Corneiman**

# CERTIFICATE OF UNITED STATES

I, Andrew Nelson, U.S. Cadastral Engineer, U.S. Surveyor, hereby certify upon oath and under the authority of special instructions received from the U. S. Surveyor General for \_\_\_\_\_ bearing date of the 11th day of April, 1925, I have well, faithfully, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying, and the laws of the United States, surveyed all those parts or portions of exterior lines of Tps. 5, 6, 7, and 8 south, ranges 11 west to 17 west, incl.

\_\_\_\_\_ of the Salt Lake Base and \_\_\_\_\_ Meridian, in the State of Utah, which are represented on dates shown on date diagram the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Salt Lake City, Utah.  
July 23, 1930.

Andrew Nelson  
U.S. Cadastral Engineer.

## APPROVAL.

Supervisor of Surveys  
OFFICE OF THE UNITED STATES Surveyor General,

Denver, Colorado NOV 5 1930

The foregoing field notes of the survey of the exterior lines of Tps. 5, 6, 7, and 8 S., Rs. 11, 12, 13, 14, 15, 16, and 17 W., Salt Lake Base and Meridian Utah,

executed by Andrew Nelson, U. S. Cadastral Engineer under his special instructions dated April 11, 1925, having critically examined, and the necessary corrections and explanations made, the said field notes, and the same they describe, are hereby approved.

Wm. H. Shuman  
Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above described survey is \_\_\_\_\_, has been correctly copied from the original notes on file in this office.



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**Page**

# CERTIFICATE OF UNITED STATES

I, Andrew Nelson, U.S.

Cadastral Engineer

of special instructions received from the U. S. Surveyor General for

bearing date of the 11th day of April, 1925, I have well, faithfully, and

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying

tions, and the laws of the United States, surveyed all those parts or portions of exterior line

of Tps. 5, 6, 7, and 8 south, ranges 11 west to 17 west, incl.

of the Salt Lake

Base and Meridian, in the State of Utah, which are represented

the foregoing field notes as having been executed by me, and under my direction, and that all the

said survey have been established and perpetuated in strict accordance with the Manual of Surveying

tions, and the special written instructions of the U. S. Surveyor General for Utah

and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Salt Lake City, Utah.

July 23, 1930.

Andrew Nelson  
U.S. Cadastral Engineer.

## APPROVAL.

Supervisor of Surveys  
OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Denver, Colorado NOV 5 1930

The foregoing field notes of the survey of the exterior lines of Tps. 5, 6, 7, and

S., Rs. 11, 12, 13, 14, 15, 16, and 17 W., Salt Lake Base and Meridian

Utah,

executed by Andrew Nelson, U. S. Cadastral Engineer

under his special instructions dated April 11, 1925, XX, having critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

William H. Johnson  
Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above described surveys in

has been correctly copied from the original notes on file in this office.

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**Page**



BOOK A-492

BOOK "H"

# FIELD NOTES

RECEIVED

JAN 25 1926

Department of the Interior

Public Survey Office

Salt Lake City, Utah

OF THE SURVEY OF THE

WEST AND NORTH BOUNDARIES OF Ts. 2, 3 and 4 S., R. 14 W.,

WEST AND NORTH BOUNDARIES OF Ts. 2, 3 and 4 S., R. 15 W.,

WEST AND NORTH BOUNDARIES OF Ts. 3 and 4 S., R. 16 W.,

WEST AND NORTH BOUNDARIES OF T. 4 S., R. 17 W.,

AND

WEST BOUNDARY OF T. 1 $\frac{1}{2}$  S., R. 15 W.

Of the SALT LAKE BASE AND Meridian,

the State of U T A H

EXECUTED BY

ANDREW NELSON, U.S. CADASTRAL ENGINEER

in capacity of U.S. Surveyor, under instructions dated April 11, 1925,

and by the United States Surveyor General to govern surveys included in

map No. 164, which were approved by the Commissioner of the General Land

Office, April 21, 1925

in compliance with Instructions dated May 6, 1925.

Survey commenced AUGUST 14, 1925

Survey completed OCTOBER 2, 1925.

BOOK A-492

## INDEX DIAGRAM.

SEE ATTACHED SHEET

Township \_\_\_\_\_, Range \_\_\_\_\_

6	5	4	3	2	1
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18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

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					T3S R15W	T3S R14W	T2S R14W	
T4S R17W	pages 70-73	pages 66-69	pages 32-37	pages 42-47	pages 49-52	pages 22-26	pages 27-31	pages 18-22
1st Auxiliary Sta. Par. S		1st Sta.		Par. S.		3rd Guide Meridian West		

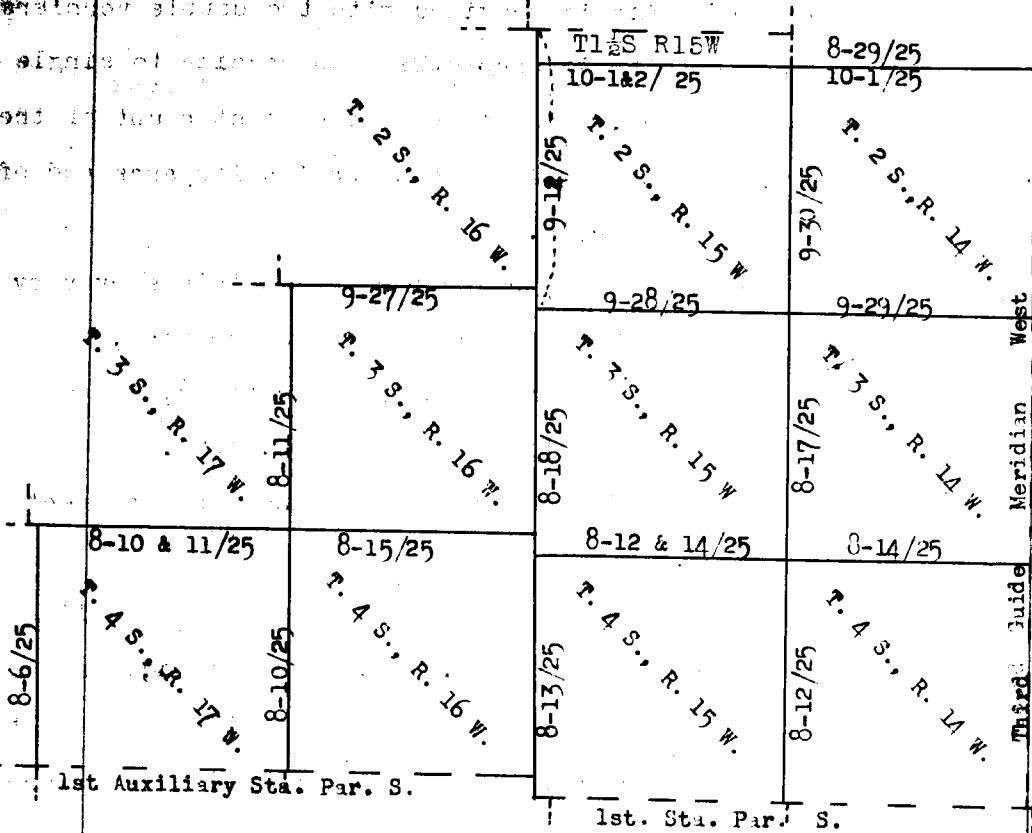
3rd Guide Meridian West

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**Page**

# DATE DIAGRAM.

DATE DIAGRAM OF BOOK "H" GROUP NO. 164, UTAH.



ALL LINES SURVEYED BY ANDREW NELSON, U.S. CADASTRAL ENGINEER, IN 1925.

The survey of Group No. 164, Utah; commenced May 21, 1925, and executed with Buff & Buff transit No. 9978, equipped with U-shaped standards and improved Smith solar attachment and full vertical circle. The horizontal line is provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and of the vertical circle.

The instrument was approved for use on this survey by the Assistant Supervisor of Surveys for Utah, conditional upon satisfactory field tests, in assignment instructions dated May 6, 1925.

I examine the adjustments of the transit and correct all errors.

With few exceptions, the country over which the lines of this survey, Group No. 164, Utah extend, is practically level and open, lying in the Great Salt Lake Desert or Basin; therefore, all lines are carried forward by double fore and back sights and azimuth determinations are accomplished by deflection angles, from true meridians determined by observations upon Polaris, and courses checked by the solar.

For tests of instrument at commencement of surveys under this Group see book "G".

August 11, 1925, at the standard corner of T. 4 S., Rs. 14 and 15 W., on the First Standard Parallel South in approximate latitude  $40^{\circ} 25' N.$ , longitude  $113^{\circ} 29' W.$ , at 10h 18.1m p.m., l.m.t., I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed position reading the deflection angle from a lath driven firmly in the ground, about  $\frac{1}{2}$  mile N., east to Polaris.

Azimuth of Polaris at eastern elongation =  $1^{\circ} 26' 45''$ .

Mean deflection angle =  $1^{\circ} 27' 00''$ .

True bearing of lath =  $N. 0^{\circ} 00' 15'' E.$

Aug. 12: At the above station, I set off  $40^{\circ}25'$  N., on the lat. arc;  $15^{\circ}01'$  N. on the decl. arc; and at 9h 0m a.m., app.t., determine a meridian with the solar which I find to agree within  $1'$  of the true meridian.

Aug. 12: At a point 3 miles N. of the above station, in approximate latitude  $40^{\circ}27\frac{1}{2}'$  N., at apparent noon, I set off  $40^{\circ}27\frac{1}{2}'$  N. on the lat. arc; and observe the sun on the meridian; the resulting reading of the decl. arc is  $14^{\circ}58\frac{1}{2}'$  N. which agrees very closely with the computed declination of the sun.

At 3h 0m p.m., app.t., at the cor. of Ts. 3 and 4 S., Rs. 14 and 15 W., I set off  $40^{\circ}30'$  N. on the lat. arc;  $14^{\circ}58\frac{1}{2}'$  N. on the decl. arc; and determine a meridian with the solar which I find to agree within  $1'$  of the true meridian as projected north from the S.C. of T. 4 S., R. 14 and 15 W.

During the progress of this survey numerous meridians were established by observations upon Polaris and by other observations, from which the bearing of the lines were checked, and a record of these observations does not appear in these notes.

The instrument was kept in good adjustment throughout this survey, and the solar apparatus was frequently tested, comparisons of its indications being made with meridians established by observations on Polaris.

All measurements are made with a Lallie steel ribbon tape, eight (8) chains in length, compared with a Lufkin steel standard tape one chain in length and found to be correct. The measurements are made on the slope, the vertical angle determined with clinometers, and the slope measurements properly reduced to true horizontal distances, which only appear in these notes.

The country over which the lines of this survey, (Group No. 164), extends lies in and on the Great Salt Lake



SURVEY OF WEST BOUNDARY OF T. 4 S., R. 14 W.

Chains

Desert or Basin and is practically void of vegetation by reason of the alkaline and mineral condition of the soil. A heavy brine or salt water lies close to the surface of the ground, and in some seasons portions of the surface is inundated. The action of the salt brine and mineral causes the regulation iron post corner monument to oxidize rapidly and in view of this exceptional circumstance it is necessary to substitute dressed fir posts 3 feet long, 4 inches square with gabled or wedge shaped top, saturated with linseed oil, in lieu of the regulation iron posts. The markings on the wood posts are cut in with scribes and further deepened with chisels. Deposits of glass were made at the base of each and every post, being placed at from 3 to 6 ins. beneath the surface of the ground,

SURVEY OF WEST BOUNDARY OF T. 4 S., R. 14 W.

From the standard corner of T. 4 S., Rs. 14 and 15 W. on the First Standard Parallel South, in approximate latitude  $40^{\circ}25'$  N., longitude  $113^{\circ}29'$  W., which is a fir post, 4 ins. square, recently established by me under this Group, for description see notes of 1st Stan. Par. S., R. 14 W. in book "F".

Thence

North, on W. bdy. of T. 4 S., R. 14 W., bet. secs. 31 and 36.

Over low, rolling sand hills and rises, covered with a scattered growth of salt brush and shadscale.

20.00 Leave sand hills, enter nearly level flat with slightly broken surface, bears E. and W.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 36 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, marked

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high,

W. of cor.; also deposit a quart of glass at base of post.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, marked

T4S S30 on NE.,

R14W S31 on SE.,

S36 on SW., and

R15W, S25 on NW. face; with 1 notch on S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor.; also deposit a quart of glass at base of post.

Land, nearly level alkali desert, slightly broken or uneven surface, and low, rolling sand hills or rises, from 10 to 30 ft. high.

Soil, damp sandy clay and heavy clay on level land, loose sandy clay and sand on hills.

Undergrowth, scattered salt brush and shadscale.

North, bet. secs. 25 and 30.

Over nearly level land, surface slightly broken, through scattered brush.

Leave level land, enter sandy clay rises, hummocks and low sandy hills, bears E. and W.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for ¼ sec. cor., marked

S25 on W., and  
S30 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

and raise a mound of earth, 3½ ft. base, 1½ ft. high,

W. of cor.; also deposit glass around post.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for ¼ sec. cor., marked

# WEST BOUNDARY OF T. 4 S., R. 14 W., S. 19

Chains	
	<p>the ground, for cor. of secs. 19, 24, 25 and 30, marked</p> <p>T4S S19 on NE., R14 W S30 on SE., S25 on SW., and R15W S24 on NW. face; with 2 notches on S. and 4 notches on N. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also deposit a quart of glass at base of post.</p> <p>Corner situated on W. slope of large hummock.</p> <p>Land, nearly level alkali desert on S. 24 chs.; low, rolling sandy rises or hills and hummocks interspersed with narrow flats on remainder of mile.</p> <p>Soil, damp sandy clay, and loose sandy clay and sand.</p> <p>Undergrowth, scattered salt brush.</p>
	<hr/> <p>North, bet. secs. 19 and 24.</p> <p>Over rolling sandy land with scattered brush.</p>
25.00	Ground becomes more even, bears E. and W.
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for ¼ sec. cor., marked</p> <p>¼ S24 on W., and S19 on E. face.</p> <p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.; also deposit a quart of glass at base of post.</p>
65.00	Leave low sandy rises, enter level alkali flat with very scattered brush, bears N.15°W. and SE.
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, marked</p> <p>T4S S18 on NE., R14W S19 on SE., S24 on SW., and R15W S13 on NW. face; with 3 notches on N. and S. edges.</p>

1077-1-14-17

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.:

and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.; also deposit a quart of glass at base of  
post.

Land, nearly level alkali flat and low sandy rises.

Soil, damp sandy clay, and loose sandy clay.

Undergrowth, scattered salt brush.

North, bet. secs. 13 and 18.

Over level desert land with few scattered brush covered  
hummocks.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for ½ sec. cor., marked

¼ S13 on W., and  
S18 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
W. of cor.; also deposit a quart of glass at base of  
post.

64.00 Leave all hummocks, continue over flat with slightly  
uneven surface.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 7, 12, 13 and 18,  
marked

T4S S7 on NE.,  
R14W S18 on SE.,  
S13 on SW., and  
R15W S12 on NW. face; with 4 notches on  
S. and 2 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.:

and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.; also deposit glass at base of post.

Land, level alkali desert with scattered hummocks on  
portion of mile.

Soil, damp sandy clay, and heavy, sticky clay.

Undergrowth, scattered salt brush, about 1 ft. high.

T4S S7 on NE.,

R14W S18 on SE. face; with 4 notches on S. and 2 notches on N. edge.

# WEST BOUNDARY OF T. 34 S., R. 14 W.

Chains

North, bet. secs. 7 and 12.  
Over level desert land, with very scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S12 on W., and  
S7 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor.; also deposit a quart of glass at base of  
post.

41.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 1, 6, 7 and 12, marked

T4S S6 on NE.,  
R14W S7 on SE.,  
S12 on S7., and  
R15W S1 on NW. face: with 5 notches on  
S. and 1 notch on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.; also deposit glass at base of post.

land, level alkali desert, surface slightly uneven.

Soil, damp, sticky brown clay.

Undergrowth, scant salt brush.

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North, bet. secs. 1 and 6.

Over level land, through scattered brush.

42.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S1 on W., and  
S6 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor.; also deposit a quart of glass at base of  
post.

43.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for corner of townships 3 and 4 south,  
ranges 14 and 15 west, marked

WEST BOUNDARY OF T. 4 S., R. 14 W.

T3SS31 on NE.,  
R14WS6 on SE.,  
T4SS1 on SW., and  
R15WS36 on NW. face; with 6 notches on  
N., S., E. and W. edges.

Dig pits, 18x18x12 ins., E., W., and N., 3 ft., and S.  
of post, 7 ft. dist.; and raise a mound of earth, 4 ft.  
base, 2 ft. high, S. of cor.; also, deposit glass at  
base of post. From this cor.

High point on Wildcat Island, bears N.83°06'E.,  
Twin Nipples on Wildcat Mountain, bears S.66°47'E.,  
High point on Dutch Mountain, bears S.44°42'W.

Land, level alkali flat or desert, surface slightly  
uneven. Soil, wet, sticky clay and sandy clay.

Undergrowth, short, scattered salt brush.

NORTH BOUNDARY OF T. 4 S., R. 14 W.

From cor. of Ts. 3 & 4 S., Rs. 14 & 15 W.; thence  
East, on random line along N. bdy. of T. 4 S., R. 14 W.,  
setting temp. 2 sec. and sec. cors. at intervals of  
40 chs., and at 479.47 chs. intersect the 3rd Guide  
Meridian W., at the cor. of Ts. 3 and 4 S., Rs. 13 &  
14 W., for description of which see records of 3rd  
Guide Mer. W., T. 4 S., bet. Rs. 13 & 14 W., book "F".  
Thence from cor. of Ts. 3 and 4 S., Rs. 13 and 14 W.,  
West, on true line along N. bdy. of T., bet. secs.  
1 and 36.

Over level desert land, through scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S36 on N., and  
S1 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth, 3 ft. base, 1 ft. high,  
N. of cor.; also, deposit glass around post.

30.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 1, 2, 35 & 36, marked,

T3SS36 on NE.,  
S1 on SE.,  
T4SS2 on SW., and  
R14WS35 on NW. face; with 1 notch on E.,

NORTH BOUNDARY OF T. 4 S., R. 14 W.

Chains	<p>and 5 notches on W. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also deposit glass around post.</p> <p>Land, level alkali desert, surface slightly uneven. Soil, wet, sticky clay, and sandy clay. Undergrowth, scattered salt brush.</p> <hr/> <p>West, bet. secs. 2 and 35.</p> <p>40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for 2 sec. cor., marked T38S35 on NE., and S2 on S. face.</p> <p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 ft. base, 1 ft. high, W. of cor.; also, deposit a quart of glass at base of post.</p> <p>80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked T38S35 on NE., S2 on SE., T48S3 on SW., and R14W34 on NW. face: with 2 notches on E. and 4 notches on W. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit a quart of glass at base of post.</p> <p>Land, level alkali desert, surface slightly uneven. Soil, wet, sticky clay, and sandy clay; saturated with saline mineral.</p> <p>Undergrowth, scattered salt brush.</p> <hr/> <p>West, bet. secs. 3 and 34.</p> <p>Over level alkali land, through few scattered brush.</p>
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Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S34 on N., and  
S3 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.: and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.; also deposit a quart of glass at base of post.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked

T3S S34 on NE.,  
S3 on SE.,  
T4S S4 on SW., and  
R14W S33 on NW. face; with 3 notches on E. and W. edges.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; deposit a quart of glass at base of post.

Land, level alakli desert, surface slightly broken.

Soil, wet sandy clay, and sticky clay.

Undergrowth, few salt brush.

West, bet. secs. 4 and 33.

Over level land, through few scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S33 on N., and  
S4 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.: and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.; deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, marked

T3S S33 on NE.,  
S4 on SE.,  
T4S S5 on SW., and  
R14W S32 on NW. face; with 4 notches on E. and 2 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high,



NORTH BOUNDARY OF T. 4 S., R. 14 W.

Chains	
	<p>W. of cor.; also deposit a quart of glass at base of post.</p> <p>Land, level alkali flat, surface slightly uneven.</p> <p>Soil, wet sandy clay, and sticky clay.</p> <p>Undergrowth, few scattered salt brush.</p>
	<hr/> <p>West, bet. secs. 5 and 32.</p> <p>Over level land, through few scattered brush.</p>
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for <math>\frac{1}{2}</math> sec. cor., marked</p> <p style="padding-left: 100px;"><math>\frac{1}{2}</math> S32 on N., and S5 on S. face.</p> <p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, 3<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high, N. of cor.; also deposit a quart of glass at base of post.</p>
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, marked</p> <p style="padding-left: 100px;">T3S S32 on NE., S5 on SE., T4S S6 on SW., and R14W S31 on NW., face; with 5 notches on E. and 1 notch on W. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5<math>\frac{1}{2}</math> ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high; W. of cor.; also, deposit a quart of glass at base of post.</p> <p>Land, level alkali desert, surface slightly uneven.</p> <p>Soil, wet sandy clay.</p> <p>Undergrowth, few scattered salt brush.</p>
	<hr/> <p>West, bet. secs. 6 and 31.</p> <p>Over level land, through scattered brush.</p>
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for <math>\frac{1}{2}</math> sec. cor., marked</p> <p style="padding-left: 100px;"><math>\frac{1}{2}</math> S31 on W., and S6 on S. face.</p>

Dig pits, 18x18x12 ins., N. and W. of post, 3 ft. dist.;  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor.; also, deposit a quart of glass at base of  
post.

Intersect the cor. of Ts. 3 and 4 S., R. 14 and 15 W.  
Land, level alkali flat, surface slightly uneven.  
Soil, wet sandy clay and sticky clay.  
Undergrowth, scattered salt brush.

WEST BOUNDARY OF T. 3 S., R. 14 W.

From the cor. of Ts. 3 and 4 S., Rs. 14 and 15 W.  
North, along W. bdy. of T. 3 S., R. 14 W., bet. secs.  
31 and 36.

Over level land, through scattered brush.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S36 on W., and  
S31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor.; also, deposit a quart of glass at base of  
post.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 25, 30, 31 and 36,  
marked

T3S S30 on NE.,  
R14W S31 on SE.,  
S36 on SW., and  
R15W S25 on NW. face; with 1 notch on  
S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.; also, deposit a quart of glass at base of  
post.

Land, level alkali desert, surface slightly uneven.  
Soil, heavy, sticky brown clay, and wet sandy clay.  
Undergrowth, scattered salt brush.

# WEST BOUNDARY OF T. 3 S., R. 14 W.

Chains	
	North, bet. secs. 25 and 30. Over level land, through scattered brush.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S25 on W., and S30 on E. face. Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.; also, deposit a quart of glass at base of post.
41.00	Enter heavier brush, bears NW. and SE.
80.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked T3S S19 on NE., R14W S30 on SE., S25 on SW., and R15W S24 on NW. face: with 2 notches on S. and 4 notches on N. edge. Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit a quart of glass at base of post. Land, level alkali desert, surface slightly uneven. Soil, wet sandy clay, and heavy, sticky clay. Undergrowth, scattered salt brush.
	North, bet. secs. 19 and 24. Over level land, through scattered salt brush.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S24 on W., and S19 on E. face. Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.; also, deposit a quart of glass at base of post.

at base of sandy ridge, to the 20 ft. high, bears N. 60° W.,  
and S 81° approximately 3 ins. to end.

Base of same, reenter flat, bears NW. and SE.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 13, 18, 19 and 24,  
marked

T3S S18 on NE.,  
R14W S19 on SE.,  
S24 on SW., and  
R15W S13 on NW. face; with 3 notches on  
N. and S. edges.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.; also, deposit a quart of glass at base  
of post.

Land, level alkali desert, surface slightly uneven,  
with sand rise on N. ½ mile.

Soil, wet sandy clay, and heavy sticky clay.

Undergrowth, scattered salt brush.

North, bet. secs. 13 and 18.

Over level land, nearly void of vegetation.

Enter slight rise, sandy clay soil and scattered brush,  
bears E. and W.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for ¼ sec. cor., marked

¼ S13 on W., and  
¼ S18 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
W. of cor.; also, deposit a quart of glass at base  
of post.

Leave alkali flat, enter low or small sand dunes with  
some brush, bears E. and W.

Enter high, barren, shifting sand dunes, bears E. and W.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 7, 12, 13 and 18, marked  
between sand dunes.

# WEST BOUNDARY OF T3S S7, R14W.

Chains		area
	<p>T3S S7 on NE.,  R14W S18 on SE.,  S13 on SW., and  R15W S12 on NW. face; with 4 notches on  S. and 2 notches on N. edge.</p>	00.00
	<p>Deposit a quart of glass at base of post.</p> <p>No accessories to cor. on account of shifting sand.</p> <p>Cor. situated on S. exposure of a sand dune.</p> <p>Land, level alkali desert, and low, rolling sand dunes  and rises.</p> <p>Soil, damp sandy clay, and loose, white, dry sand.</p> <p>Undergrowth, scattered salt brush, and few greasewoods  on portions of mile.</p>	00.00
	<p>North, bet. secs. 7 and 12.</p> <p>Over high, shifting, barren sand dunes.</p>	
18.60	<p>Summit of sand dunes, approximately 100 ft. high, bears  easterly for more than 6 miles, and N.80°W. for about  ½ mile to high point of main dunes, and end.</p>	
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  the ground, for ¼ sec. cor., marked</p> <p>½ S12 on W., and  S7 on E. face.</p> <p>Deposit a quart of glass at base of post.</p> <p>No accessories to cor. on account of shifting sand.</p> <p>Continue over lower sand dunes.</p>	
55.00	<p>Leave sand dunes, bears E. and W.: thence over low sand  rises and hummocks with scattered brush.</p>	
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  the ground, for cor. of secs. 1, 6, 7 and 12, marked</p> <p>T3S S6 on NE.,  R14W S7 on SE.,  S12 on SW., and  R15W S1 on NW. face; with 5 notches on  S. and 1 notch on N. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.;  and raise a mound of earth, 4 ft. base, 2 ft. high;  W. of cor.: also, deposit a quart of glass at base  of post.</p>	

Land, high, rolling sand dunes, and low sand rises.

Soil, mostly loose, shifting, white sand, on dunes, and sandy clay on rises.

Undergrowth, few scattered salt brush and greasewoods on N. end of mile.

North, bet. secs. 1 and 6.

Over low, flat sandy rises and brush covered hummocks.

10.00 Enter narrow clay flat, bears E. for 5 chs. to end, and W.

20.00 Leave flat, enter low sandy rises and hummocks, bears E. and W.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{4}$  S1 on W., and  
S6 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post; 3 ft. dist. and raise a mound of earth, 3 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.; also, deposit a quart of glass at base of post.

60.00 Leave sandy rises, enter sandy flat with scattered brush, surface slightly uneven, bears E. and W.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for corner of townships 2 and 3 south, ranges 14 and 15 west, marked

T2SS31 on NE.,  
R14WS6 on SE.,  
T3SS1 on SW., and  
R15WS36 on NW. face; with 6 notches on  
N., S., E. and W. edges.

Also set an iron pipe, 7 ft. long, 1 in. diam., 3 $\frac{1}{2}$  ft. in the ground, alongside of post.

Dig pits, 18x18x12 ins., E., W., and N., 3 ft., and S. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor.; also, deposit quart of glass around post.

Land, low sandy rises, hummocks and narrow flats, lying between sand dunes.

18-61  
NORTH BOUNDARY OF T. 3 S., R. 14 W.

Chains

Soil, loose sand, sandy clay, and wet clay, basalt  
Undergrowth, scattered salt brush and few greasewoods.

NORTH BOUNDARY OF T. 3 S., R. 14 W.

From the cor. of Ts. 2 and 3 S., Rs. 14 and 15 W.  
East, on random line along N. bdy. of T. 3 S., R. 14 W.  
setting temp.  $\frac{1}{4}$  sec. and sec. cors. at intervals of  
40.00 chs., and at 478.52 chs., intersect the Third  
Guide Meridian West, at point 5 lks. N. of the cor.  
of Ts. 2 and 3 S., Rs. 13 and 14 W., for description  
of which see field notes of the 3rd Guide Mer. W.,  
through T. 3 S., bet. ranges 13 and 14 W., book "F"  
of this Group. The falling answers to a correction  
of 0°00', or 5/6 lk. S. per mile, counting from the  
NW. cor. of Tp.; thence

From cor. of Ts. 2 and 3 S., Rs. 13 and 14 W.  
West, on true line along N. bdy. of T. 3 S., R. 14 W.,  
bet. secs. 1 and 36.

Over low, rolling sand dunes void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S36 on N., and  
S1 on S. face.

Deposit a quart of glass at base of post.

No accessories to cor. on account of shifting sand. Cor.  
stands on top of a high sand dune bearing N. 60° W.  
and nearly E.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 1, 2, 35 and 36,  
marked

T2SS36 on NE.,  
S1 on SE.,  
T3SS2 on SW., and  
R14WS35 on NW. face; with a notch on  
E. and 5 notches on W. edge.

Deposit a quart of glass at base of post.

No accessories to cor. on account of loose sand. Corner situated at N. base of depression bet. dunes.

Land, rolling sand dunes, from 25 to 75 ft. high.

Soil, white, shifting sand.

No vegetation.

West, bet. secs. 2 and 35.

Over barren, white sand dunes.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S35 on N., and  
S2 on S. face.

Deposit a quart of glass at base of post. No accessories to cor. on account of loose, shifting sand. Corner situated in depression among dunes.

71.00 Leave dunes, enter sandy clay flat with wet soil, bears N. 70° W. and S. 70° E.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked

T2S S35 on NE.,  
S2 on SE.,  
T3S S3 on SW., and  
R14W S34 on NW. face; with 2 notches on  
E. and 4 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit a quart of glass at base of post.

Land, rolling sand dunes, from 15 to 75 ft. high, on E. 71 chs.; level desert on W. 9 chs.

Soil, loose, dry, shifting, white sand on dunes; wet sandy clay on flat.

No vegetation.

West, bet. secs. 3 and 34.

Over level desert land, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in



20

NORTH BOUNDARY OF T. 6 S., R. 14 W.

Chains	Survey
	<p>the ground, for <math>\frac{1}{4}</math> sec. cor., marked</p> <p style="text-align: center;"><math>\frac{1}{4}</math> S34 on N., and S3 on S. face.</p> <p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, 3<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high, N. of cor.; also, deposit a quart of glass at base of post, and a granite rock, 24x14x10 ins., alongside of wood post.</p>
60.00	Enter scattered salt brush, bears NW. and SE.
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked</p> <p style="text-align: center;">T2S S34 on NE., S3 on SE., T3S S4 on SW., and R14W S33 on NW. face; with 3 notches on E. and W. edges.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5<math>\frac{1}{2}</math> ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit a quart of glass at base of post.</p> <p>Land, level alkali desert, surface slightly broken. Soil, wet sandy clay, and sand. Undergrowth, scattered salt brush on portion of mile.</p>
	<p>West, bet. secs. 4 and 33.</p> <p>Over nearly level flat, through scattered brush.</p>
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked</p> <p style="text-align: center;"><math>\frac{1}{4}</math> S33 on N., and S4 on S. face.</p> <p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high, N. of cor.; also, deposit a quart of glass at base of post.</p>
74.00	Leave flat, enter low, rolling sand dunes, bears N.70°W. and S.70°E.
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, marked</p>

T2S S33 on NE.,

S4 on SE.,

T3S S5 on SW., and

R14W S32 on NW. face; with 4 notches on E. and 2 notches on W. edge.

Deposit a quart of glass at base of post. No accessories to cor. on account of loose sand.

Land, level desert, surface broken by few small hummocks, on E. 74. chs.; low sand dunes on W. 6 chs.

Soil, wet sandy clay and sand.

Undergrowth, scattered salt brush.

West, bet. secs. 5 and 32.

Over nearly level land with scattered sand ridges, dunes and hummocks, through scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S32 on N., and  
S5 on S. face.

Deposit a quart of glass at base of post. No accessories on account of loose sand.

41.50 Enter high, barren, shifting sand dunes, bears NW. and SE.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, marked

T2S S32 on NE.,  
S5 on SE.,  
T3S S6 on SW., and  
R14W S31 on NW. face; with 5 notches on E. and 1 notch on W. edge.

Deposit a quart of glass at base of post. No accessories on account of shifting sand. Cor. situated in depression among dunes.

Land, nearly level, surface broken by scattered sand ridges, dunes and hummocks on E. 41 $\frac{1}{2}$  chs.; high, rolling shifting sand dunes on W. 38 $\frac{1}{2}$  chs.

Soil, sandy clay and loose, dry sand.

Undergrowth, scattered salt brush and few greasewoods on E. portion of mile.

Chains

West, bet. secs. 6 and 31, and

Over high, rolling sand dunes, void of vegetation.

40.00 Set a fir post, 3 ft. long; 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S31 on N., and S6 on S. face.

Deposit a quart of glass at base of post. No accessories to cor. on account of shifting sand.

53.00 Leave sand dunes, thence over nearly level land, few small sandy rises and scattered brush.

78.52 Intersect the corner of townships 2 and 3 south, ranges 14 and 15 west, heretofore described.

Land, high, rolling, barren and shifting sand dunes, from 25 to 75 ft. high, on the E.  $53^{\circ}$  chs.; nearly level desert with few low sandy rises, on remainder of mile.

Soil, loose, dry, white sand on dunes; damp sandy clay and sand on flat.

Undergrowth, scattered salt brush and few greasewoods on W. portion of mile.

WEST BOUNDARY OF T. 2 S., R. 14 W.

From the corner of Ts. 2 and 3 S., Rs. 14 and 15 W.; thence

North, along W. bdy. of T. 2 S., R. 14 W., bet. secs. 31 and 36.

Over nearly level land with scattered sandy rises few feet high, through scattered salt brush and greasewoods.

21.00 Enter low, rolling sand dunes, bears N.  $80^{\circ}$  W. and S.  $80^{\circ}$  E.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S36 on W., and S31 on E. face.

Deposit a quart of glass at base of post. No accessories to cor. on account of loose sand.

Summit of highest sand dune on this mile, 75 ft. high,  
bears nearly E. and W.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 25, 30, 31 and 36,  
marked

T2S S30 on NE.,  
R14W S31 on SE.,  
S26 on SW., and  
R15W S28 on NW. face; with 1 notch on  
S. and 6 notches on N. edge.

Deposit a quart of glass at base of post. No accessor-  
ies to cor. on account of loose, shifting sand.

Land, rolling sand dunes, and nearly level desert.

Soil, dry, shifting, white sand on dunes; damp sand  
and sandy clay on flat.

Undergrowth, scattered salt brush and greasewoods in S.  
end of mile.

North, bet. secs. 25 and 31.

Over low, rolling sand dunes with a few scattered tall  
greasewoods along edge.

7.00 Leave sand dunes, enter level alkali desert, void of  
vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for 1 sec. cor., marked

S28 on W., and  
S20 on E. face.

Dig pits, 16x16x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth, 36 ft. base, 12 ft. high,  
W. of cor.; also, deposit a quart of glass at base  
of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 19, 24, 25 and 30,  
marked

T2S S19 on NE.,  
R14W S30 on SE.,  
S25 on SW., and  
R15W S26 on NW. face; with 2 notches on  
S. and 4 notches on N. edge.

WEST BOUNDARY OF T. 12 S., R. 14 W., S. 12 E.

Chains

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit a quart of glass at base of post.

S. 9 chs. is low, rolling sand dunes, with, dry, shift white sand, covered with a few tall greasewoods along edge; remainder of mile is level alkali desert, void of vegetation; soil, wet sandy clay, saturated with saline mineral.

North, bet. secs. 19 and 24.

Over level land, void of vegetation.

40.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S24 on W., and  
S19 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.; also, deposit a quart of glass at base of post.

80.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, marked

T2S S18 on NE.,  
R14W S19 on SE.,  
S24 on SW., and  
R15W S13 on NW. face; with 3 notches on N. and S. edges.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit a quart of glass at base post.

Land, level alkali desert.

Soil, wet sandy clay, saturated with mineral.

No vegetation.

North, bet. secs. 13 and 18.  
Over level land, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S13 on W., and  
S18 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.; also, deposit a quart of glass at base of post.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, marked

T2SS7 on NE.,  
R14WS18 on SE.,  
S13 on SW., and  
R15WS12 on NW. face: with 4 notches on S. and 2 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit a quart of glass at base of post.

Land, level alkali desert with slight salt crust on surface.

Soil, wet sand and sandy clay, saturated with saline mineral. Brine 2 $\frac{1}{2}$  ft. beneath the surface.

No vegetation.

North, bet. secs. 7 and 12.

Over level land, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S12 on W., and  
S7 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.; also, deposit a quart of glass at base of post.

Chains	
72.00	Enter slight sandy rise, 1 to 2 ft. high, with a few scattered brush, bears NE. and W.
80.00	On N. edge of the rise, Set a fir post, 3 ft. long; 4 ins. square, 26 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, marked T2SS6 on NE., R14WS7 on SE., S12 on SW., and R15WS1 on NW. face; with 5 notches on S. and 1 notch on N. edge. Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.: also deposit a quart of glass at base of post. Brine encountered at 2½ ft. beneath the surface. Land, level alkali desert. Soil, wet sandy clay, and sticky clay. No vegetation, excepting few salt brush at N. end of mile.
	North, on true line bet. secs. 1 and 6. Over level desert land, void of vegetation.
16.00	Enter scattering brush, and slightly uneven surface, bears E. and W.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for ¼ sec. cor., marked ¼ S1 on W., and S6 on E. face. Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.: also, deposit a quart of glass at base of post.
80.00	Set a fir post, 3 ft. long; 4 ins. square, 26 ins. in the ground, for corner of Ts. 1 and 2 S., R. 14 W., and Ts. 1½ and 2 S.; R15 W., marked T1SR14WS31 on NE., T2SR14WS6 on SE., T2SR15WS1 on SW., and T1½SR15WS36 on NW. face; with 6 notches on N., S., E. and W. edges.

18x18x18 ins. E. 1/2 S. 1/2 W. 5 ft. S. of post, 7 ft.

dist. raise a mound of earth, 4 ft. base, 2 ft. high,

S. of cor.; deposit a black sandstone, 14x8x3 ins.

alongside of post, also a quart of glass at base of post.

From this sp. cor.,

Twin Nipples on Wildcat Mountain, bears S. 29° 23' E.

High point on Granite Mountain, bears S. 16° 32' E.

High point on Dutch Mountain, bears S. 31° 10' W.

Pilot Peak (S. end) bears N. 52° 42' W.

Tabby Peak in Cedar Range, bears S. 60° 25' E.

Corner stands near W. edge of low sand hills bearing northwesterly and southeasterly.

Land, level and nearly level desert.

Soil, damp sandy clay, and heavy, sticky clay.

Undergrowth, scattered salt brush on N. portion of mile.

#### NORTH BOUNDARY OF T. 2 S., R. 14 W.

From the cor. of Ts. 1 & 2 S., R. 14 W., and Ts. 1 1/2 & 2 S., R. 15 W.; thence

East, on random line, along N. bdy. of T. 2 S., R. 14 W.,

setting temp. 1/2 sec. and sec. cors. at intervals of

40.00 chs., and at 477.62 chs., intersect the Third

Guide Meridian West, 6 lks. S. of the corner of town-

ships 1 and 2 South, ranges 13 and 14 west, for

description of which see field notes of the 3rd Guide

Mer. W., through T. 2 S., bet. Rs. 13 and 14 W., book

"F" of this Group. The falling answers to a correction

of 0° 00', or 1 lk. N. per mile, counting from the

NW. cor. of the tp.; thence

From the cor. of Ts. 1 and 2 S., Rs. 13 and 14 W.

West, on true line along N. bdy. of T. 2 S., R. 14 W.,

bet. secs. 1 and 35.



Chains	
	Over level alkali desert, void of vegetation.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S36 on N., and S1 on S. face.
	Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.; also, deposit a quart of glass at base of post.
48.00	Enter scattered salt brush, also slightly uneven surface bears NE. and SW.
75.00	Leave brush, bears N. and S.
80.00	Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, marked T1S S36 on NE., S1 on SE., T2S S2 on SW., and R14W S35 on NW. face: with 1 notch on E. and 5 notches on W. edge.
	Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit a quart of glass at base of post.
	Land, level alkali desert.
	Soil, wet clay and sandy clay.
	Undergrowth, scattered salt brush, on portion of mile.
	West, bet. secs. 2 and 35.
	Over level land, void of vegetation.
20.00	Enter few scattered brush, bears N. and SE.
25.00	A small sandy knoll or rise, bears S. of line approximately 10 chs. dist.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S35 on N., and S2 on S. face.
	Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.; also, deposit a quart of glass at base of  
post.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for cor. of secs. 2, 3, 33 and 34, marked

T1S S35 on NE.,  
S2 on SE.,  
T2S S3 on SW., and  
R14W S34 on NW. face; with 2 notches on  
E. and 4 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.; deposit a quart of glass at base of post.

Land, level alkali flat, with slight salty surface,

Soil, wet, sticky clay, and sandy clay.

Undergrowth, scattered salt brush on portion of mile.

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West, bet. secs. 3 and 34.

Over level land, through small scattered salt brush.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S34 on N., and  
S3 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.:  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.; also, deposit a quart of glass at base  
of post.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for cor. of secs. 3, 4, 33 and 34, marked

T1S S34 on NE.,

S3 on SE.,

T2S S4 on SW., and

R14W S33 on NW. face; with 3 notches on  
E. and W. edges.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.:

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor.; also, deposit a quart of glass at base

Land, level alkali desert, with surface.

# NORTH BOUNDARY OF TREATY RESERVE

Chains		
	<p>Soil, wet, sticky clay, and sandy clay.</p> <p>Undergrowth, scattered salt brush, 6 ins. to 1 ft. high.</p> <hr/> <p>West, bet. secs. 4 and 33..</p> <p>Over level land, through scattered undergrowth.</p> <p>40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked</p> <p style="padding-left: 100px;"><math>\frac{1}{4}</math> S33 on N., and S4 on S. face.</p> <p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, 3<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high, N. of cor.; also, deposit a quart of glass at base of post.</p> <p>80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, marked</p> <p style="padding-left: 100px;">T1S S33 on NE., S4 on SE., T2S S5 on SW., and R14W S32 on NW. face; with 4 notches on E. and 2 notches on W. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5<math>\frac{1}{2}</math> ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit a quart of glass at base of post.</p> <p>Land, level alkali desert.</p> <p>Soil, white, sticky clay, and sandy clay.</p> <p>Undergrowth, scattered salt brush.</p> <hr/> <p>West, bet. secs. 5 and 32.</p> <p>Over level land, through scattered brush.</p> <p>40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked</p> <p style="padding-left: 100px;"><math>\frac{1}{4}</math> S32 on N., and S5 on S. face.</p> <p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high, N. of cor.; deposit a quart of glass at base of post.</p>	

Leave level flat, enter low, rolling sandy hills, covered with heavier brush, bears N.20°W., and S.20°E. for approximately  $\frac{1}{2}$  to  $\frac{3}{4}$  mile thence westerly.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, marked

T18 S32 on NE.,  
S5 on SE.,  
T2S S6 on SW., and  
R14W S31 on NW. face: with 5 notches  
on E. and 1 notch on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.:

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor.: also deposit a quart of glass at base of post.

Land on E. portion of mile is level alkali flat with scattered salt brush, and pass to wet sandy clay soil. W. portion is low, rolling sandy hills, covered with a medium growth of salt brush, shadscale and greasewoods; soil firm, dry sandy clay and sand.

West, on true line bet. secs. 6 and 31.

Over low, rolling sandy hills, interspersed with small clay flats or basins, through medium undergrowth.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S31 on N., and  
S6 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.:

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

N. of cor.: also, deposit a quart of glass at base of post.

Leave low hills, enter level land, bears N.20°W. and S.20°E.

Intersect the cor. of Ts. 1 & 2 S., R. 14 W., and Ts. 1 & 2 S., R. 15 W., heretofore described.

Land, low, rolling sandy hills, about 25 ft. high, interspersed with small clay flats or basins.

Chains

Soil, firm, dry sandy clay and sand on the hills, damp clay on flats.

Undergrowth, scattered to medium growth of salt brush, shadscale, greasewood and some bunch grass.

WEST BOUNDARY OF T. 4 S., R. 15 W.

From the standard corner of T. 4 S., R. 15 W., (SW. cor.) in approximate latitude  $40^{\circ}25'$  N., longitude  $113^{\circ}36'$  W., heretofore described in field notes of 1st Sta. Par. S., through R. 15 W., book "F" of this Group. I run North on the range line between ranges 15 and 16 W., setting double set of corners, one at regular intervals of 40.00 chs. from the SW. cor. of T. 4 S., R. 15 W., for the W. bdy. of T. 4 S., R. 15 W., and one at regular intervals of 40.00 chs. from the standard cor. (SE. cor.) of T. 4 S., R. 16 W. for the E. bdy. of T. 4 S., R. 16 W.

Thence

North, along W. bdy. of sec. 31, T. 4 S., R. 15 W. and on E. bdy. sec. 1, T. 5 S., R. 16 W.

Over level alkali desert, through scattered salt brush.

40.00

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor. on W. bdy. sec. 31, T. 4 S., R. 15 W., marked  $\frac{1}{4}$  S31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, E. of cor.; also, deposit glass around post.

53.24

The standard cor. of T. 4 S., R. 16 W. on the 1st Auxiliary Sta. Par. S., heretofore described in book "F" of this Group. Continue North along W. bdy. sec. 31, T. 4 S., R. 15 W. and on E. bdy. of T. 4 S., R. 16 W., sec. 36.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 30 and 31, W. bdy.

T. 4 S., R. 15 W., marked

T4S S20 on NE., and

R15W S31 on SE. face: with 1 notch on S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist.;

and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,

E. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, damp to wet, white, seamed clay, saturated with mineral. Brine at from 2 to 3 ft. beneath surface.

Undergrowth, scattered salt brush.

North, on W. bdy. sec. 30.

Over level land, through very scattered brush.

13.24 Northing of 40.00 chs. from the S.C. of T. 4 S., R. 16 W.,

set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for 1/2 sec. cor. of sec. 36, T. 4 S., R. 16 W., marked 1/2 S36 on W. face;

dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.; also, deposit glass around post.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for 1/2 sec. cor. of sec. 30, T. 4 S., R. 15 W., marked 1/2 S20 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, E. of cor.; also, deposit glass around post.

53.24 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 25 and 36, T. 4 S., R.

16 W., marked

T4S S36 on SW., and

R16W S25 on NE. face: with 1 notch on S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist.;

# WEST BOUNDARY OF T. 4 S., R. 16 W.

Chains	
	<p>and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high W. of cor.; also deposit glass around post.</p>
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 19 and 30, marked</p> <p>T4S S19 on NE., and R15W S30 on SE. face; with 2 notches on S. and 4 notches on N. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., <math>5\frac{1}{2}</math> ft. dist.; and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high E. of cor.; also, deposit glass around post.</p> <p>Land, level alkali desert, white surface.</p> <p>Soil, wet, seamed, stickt clay, saturated with minerals.</p> <p>Undergrowth, very scattered salt brush.</p>
	<p>North, on W. bdy. sec. 19.</p> <p>Over level land, through patches of brush.</p>
13.24	<p>Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor. of sec. 25, T. 4 S., R. 16 W., marked <math>\frac{1}{4}</math> S25 on W. face.</p> <p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high W. of cor.; also, deposit glass around post.</p>
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor. of sec. 19, T. 4 S., R. 16 W., marked <math>\frac{1}{4}</math> S19 on E. face.</p> <p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high E. of cor.; also, deposit glass around post.</p>
53.24	<p>Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 24, and 25, T. 4 S., R. 16 W., marked</p> <p>T4S S25 on SW., and R16W S24 on NW. face; with 2 notches on S. and 4 notches on N. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., <math>5\frac{1}{2}</math> ft. dist.; and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high W. of cor.; also, deposit glass around post.</p>

13.20 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 18 and 19, T. 4 S., R. 15 W., marked

1/4 T4S S18 on NE., and 1/4 R15W S19 on SE. face; with 3 notches on N. and S. edges.

Dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, E. of cor.; also, deposit glass around post.  
Land, level alkali desert, white surface.  
Soil, damp to wet clay, saturated with mineral.  
Undergrowth, scattered patches of salt brush.

North, on W. bdy. sec. 18.

Over level land, through few salt brush.

13.24 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for 1/4 sec. cor. of sec. 24, T. 4 S., R. 16 W., marked 1/4 S24 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.; also, deposit a quart of glass around post.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for 1/4 sec. cor. of sec. 18, T. 4 S., R. 15 W., marked 1/4 S18 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, E. of cor.; also, deposit glass around post.

55.24 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 13 and 24, T. 4 S., R. 16 W., marked

1/4 T4S S24 on SW., and 1/4 R16W S13 on NW. face; with 3 notches on N. and S. edges.

Dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.; also, deposit glass around post.



Chains

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of sec. 7 and 12, T. 4 S., R. 15 W., marked

T4S S7 on NE, and  
R15W S18 on SE. face; with 4 notches on S. and 2 notches on N. edge

Dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high E. of cor.; also, deposit glass around post.  
Land, level alkali desert, white surface.  
Soil, damp, dark colored clay.  
Undergrowth, few scattered patches of salt brush.

North, on W. bdy. sec. 7.  
Over level desert, through few scattered salt brush.

13.24 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for 1/4 sec. cor. of sec. 13, T. 4 S., R. 16 W., marked 1/4 S13 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high W. of cor.; also, deposit glass around post.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for 1/4 sec. cor. of sec. 7, T. 4 S., R. 15 W., marked 1/4 S7 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high E. of cor.; also, deposit glass around post.

53.24 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of sec. 12 and 13, T. 4 S., R. 16 W., marked

T4SS13 on SW, and  
R16W S18 on NW. face; with 4 notches on S. and 2 notches on N. edge

Dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high W. of cor.; also, deposit glass around post.

WEST BOUNDARY OF T. 4 S., R. 15 W.

20.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 6 and 7, T. 4 S., R. 15 W., marked

T4S S6 on NE., and  
R15W S7 on SE. face: with 5 notches on S. and 1 notch on N. edge.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.:  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
E. of cor.; also, deposit glass around post.

Land, level alkali desert, surface slightly uneven.

Soil, wet, sticky clay.

Undergrowth, scattered salt brush.

North, on W. bdy. sec. 6.

Over level desert, through few scattered salt brush.

13.24 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{2}$  sec. cor. of sec. 12, T. 4 S., R. 16 W., marked  $\frac{1}{2}$  S12 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.: also, deposit glass around post..

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{2}$  sec. cor. of sec. 16, T. 4 S., R. 15 W., marked  $\frac{1}{2}$  S6 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
E. of cor.; also, deposit glass around post.

53.24 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 1 and 12, T. 4 S., R. 16 W., marked

T4S S12 on SW., and  
R16W S1 on NW. face: with 5 notches on S. and 1 notch on N. edge.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.:  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.; also, deposit glass around post..

Chains

80.00

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for corner of townships 3 and 4 south, range 15 west, marked

T3S S31 on NE., and

T4S R15 W S36 on SE. face: with 6 notches on E., N. and S. edges.

Dig pits, 18x18x12 ins., on each line, N. and S., 3 ft. and E. of post, 7 ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, E. of post; also, deposit glass at base of post.

Land, level alkali desert.

Soil, wet clay, saline brine stands at  $2\frac{1}{2}$  to 3 ft.

beneath surface of ground on portions of mile.

Undergrowth, very scattered salt brush, about 1 ft. high.

# NORTH BOUNDARY OF T. 4 S., R. 15 W.

From the cor. of Ts. 3 and 4 S., R. 15 W. East, on random line along N. bdy. of Tp., setting temp  $\frac{1}{4}$  sec. and sec. cons. at intervals of 40.00 chs., and at 488.26 chs., fall 6 lks. N. of the cor. of Ts. 3 and 4 S., Rs. 14 and 15 W., heretofore described in these notes. The falling answers to a correction of  $0^{\circ} 00'$ , or 1 lk. S. per mile, counting from the NW. cor. of the Tp.; thence

From the cor. of Ts. 3 & 4 S., Rs. 14 & 15 W., West, on true line, along N. bdy. of T. 4 S., R. 15 W. bet. secs. 1 and 36.

Over level alkali desert, surface slightly uneven, through scattered salt brush.

40.00

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

T4S S36 on N. and S1 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

and raise a mound of earth, 3½ ft. base, 1½ ft. high,

also, deposit glass around post.

Edge of sandy ridge, bears N.20°W. and S.20°E.;

thence over ridge, 15 ft. high, extends S. 8 chs. dist.

Edge of ridge, bears nearly N. and S.

Set a fire post, 3 ft. long, 4 ins. square, 28 ins. in

the ground, for cor. of secs. 1, 2, 35 and 36, marked

T3S S36 on NE.,

S1 on SE.,

T4S S2 on SW., and

R15W S35 on NW. face; with 1 notch on  
E. and 5 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor.; also, deposit glass around post.

Land, level alkali desert, with a small sand ridge on  
W. ½ mile.

Soil, wet sandy clay.

Undergrowth, scattered salt brush, 1 ft. high.

West, bet. secs. 2 and 35.

Over level land, through scattered brush.

2.70 Leave flat, enter low, rolling sandy ridges or hills,  
interspersed with small clay basins, through heavier  
brush, bears N. and S.15°E.

29.70 Top of a large sand ridge, 40 ft. high, bears N. and S.

35.50 W. base of ridges, reenter flat, bears N. and S.20°E.

40.00 Set a fire post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for ¼ sec. cor., marked

¼ S35 on N. and

S2 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;

and raise a mound of earth, 3½ ft. base, 1½ ft. high,

also, deposit glass around post.

50.00 Set a fire post, 3 ft. long, 4 ins. square, 28 ins. in

the ground, for cor. of secs. 2, 3, 34 and 35, marked

# Chains

T3S S36 on NE. 1/4 sec. 3, 3 ft. dist. S2 on SE.,  
T4S S5 on SW. 1/4 sec. 3, 3 ft. dist. S2 on SE.,  
R15W S34 on NW. face; with 2 notches on E. and 4 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist. S2 on SE. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass at base of post. 00.50  
Land, level alkali flat and sand ridge. Low sand ridge extends northerly and southerly for some distance on E. 2 mile.

Soil, wet sandy clay on level portions, loose sand and sandy clay on ridge.

Undergrowth, scattered salt brush, greasewoods and shadscale.

West, bet. secs. 3 and 34.

Over level land with few scattered salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for 1/4 sec. cor., marked

1/4 S34 on N., and  
S3 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, 3 ft. base, 1 1/2 ft. high, N. of cor.; also, deposit glass around post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked

T3S S34 on NE.,

S3 on SE.,

T4S S4 on SW., and

R15W S33 on NW. face; with 3 notches on E. and W. edges.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.

Land, level alkali flat.

Soil, wet clay, and sandy clay, saturated with mineral; brine stands at about 3 ft. beneath the surface. 00.00

Undergrowth, scattered salt brush.

West, bet. secs. 4 and 33.

Over level land, through scattered brush.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S33 on N., and  
S4 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

N. of cor.; also, deposit glass at base of post.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in

the ground, for cor. of secs. 4, 5, 32 and 33, marked

T3S S32 on NE.,  
S4 on SE.,  
T4S S5 on SW., and  
R15W S32 on NW. face; with 4 notches on  
E. and 2 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.:

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet clay, saturated with saline mineral. Brine  
stands at about 3 ft. below surface of ground.

Undergrowth, very scattered salt brush.

West, bet. secs. 5 and 32.

Over level land, through scattered brush.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S32 on N., and  
S5 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.:

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

N. of cor.; also, deposit glass around post.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in

the ground, for cor. of secs. 5, 6, 31 and 32, marked

T3S S32 on NE.,  
S5 on SE.,  
T4S S6 on SW., and  
R15W S31 on NW. face; with 5 notches on  
E. and 1 notch on W. edge.

Chains

Dig pits, 18x18x12 ins., in each sec., 32 ft. base, 4 ft. high, and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet, sticky clay, and sandy clay, saturated with mineral.

Undergrowth, few scattered salt brush.

West, bet. secs. 6 and 31.

Over level land with few scattered salt brush.

40.00

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{2}$  S31 on N. and  
S6 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dis- and raise a mound of earth, 32 ft. base, 12 ft. high N. of cor.; also, deposit glass around post.

88.26

Intersect the corner of townships 3 and 4 south, range 15 west, heretofore described.

Land, level alkali desert.

Soil, wet, sticky clay, saturated with mineral.

Undergrowth, few scattered salt brush.

WEST BOUNDARY OF T. 3 S., R. 15 W.

From the cor. of Ts. 3 and 4 S., R. 15 W.

North, along W. bdy. of T. 3 S., R. 15 W., on W. bdy. sec. 31.

Over level alkali desert, through few scattered salt brush.

13.24

Northing of 40.00 chs. from cor. of secs. 1 and 12,

set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 1, T. 3 S., R. 15 W.

WEST BOUNDARY OF T. 3 S., R. 15 W.

R. 16 W., marked  $\frac{1}{4}$  S1 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.; also, deposit glass around post.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor. of sec. 31, T. 3 S., R.  
15 W., marked  $\frac{1}{4}$  S31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
E. of cor.; also deposit glass around post.

53.24 Northing of 80.00 chs. from cor. of secs. 1 and 12,  
set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for corner of townships 3 and 4 south,  
range 16 west, marked

T4S S1 on SW., and  
T3S R16W S36 on NW. face: with 6 notches  
on N., S. and W. edges.

Dig pits, 18x18x12 ins., N. & S., 3 ft., & W., 7 ft. dist.;  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.; also, deposit glass around post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for cor. of secs. 30 and 31, T. 3 S.,  
R. 15 W., marked

T3S S30 on NE., and  
R15W S31 on SE. face: with 1 notch on  
S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.:  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
E. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet, sticky clay, saturated with mineral.

Undergrowth, few scattered salt brush.

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North, on W. bdy. sec. 30.

Over level land, void of vegetation.

13.24 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor. of sec. 36, T. 3 S., R.



WEST BOUNDARY OF T3S36, R2W15 W.

Chains	English
	<p>16 W., marked <math>\frac{1}{4}</math> S36 on W. face.</p> <p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high W. of cor.; also, deposit glass around post.</p>
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor. of sec. 30, T. 3 S., R. 15 W., marked <math>\frac{1}{4}</math> S30 on E. face.</p> <p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high E. of cor.; also, deposit glass around post.</p>
53.24	<p>Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 25 and 36, T. 3 S., R. 16 W., marked</p> <p>T3S S36 on SW., and R16W S25 on NW. face; with 1 notch on S. and 5 notches on N. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., <math>5\frac{1}{2}</math> ft. dist.; and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor.; also, deposit glass around post.</p>
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 19 and 30, T. 3 S., R. 15 W., marked</p> <p>T3S S19 on NE., and R15W S30 on SE. face; with 2 notches on S. and 4 notches on N. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., <math>5\frac{1}{2}</math> ft. dist.; and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high, E. of cor.; also, deposit glass around post.</p> <p>Land, level alkali desert.</p> <p>Soil, wet, sticky clay, saturated with mineral.</p> <p>No vegetation.</p>
	<p>North, on W. bdy. of sec. 19.</p> <p>Over level land, void of vegetation.</p>
13.24	<p>Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor. of sec. 25, T. 3 S., R. 16 W., marked</p>

WEST BOUNDARY OF T. 3 S., R. 15 W.

31.5 100 to 12 1/2 S25 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,  
W. of cor.; also, deposit glass around post.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for 1/4 sec. cor. of sec. 19, T. 3 S., R.  
15 W., marked 1/4 S19 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,  
E. of cor.; also, deposit glass around post.

53.24 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for cor. of secs. 24 and 25, T. 3 S., R.  
16 W., marked

R16W S25 on SW., and  
T3S S24 on NW. face: with 2 notches on  
S. and 4 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist.:  
and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,  
W. of cor.; also, deposit glass around post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for cor. of secs. 18 and 19, T. 3 S., R.  
15 W., marked

T3S S18 on NE., and  
R15W S19 on SE. face: with 3 notches on  
N. and S. edges.

Dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist.:  
and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,  
E. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet clay, and sandy clay, saturated with mineral.  
No vegetation.

North, on W. bdy. of sec. 18.

Over level land, void of vegetation.

13.24 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for 1/4 sec. cor. of sec. 24, T. 3 S., R.  
16 W., marked 1/4 S24 on W. face.

Chains	
40.00	<p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dia and raise a mound of earth, 3½ ft. base, 1½ ft. high W. of cor.; also, deposit a quart of glass around post.</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for ¼ sec. cor. of sec. 18, T. 3 S., R. 15 W., marked ¼ S18 on E. face.</p> <p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dia and raise a mound of earth, 3½ ft. base, 1½ ft. high E. of cor.; also, deposit glass around post.</p>
53.24	<p>Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 13 and 24, T. 3 S., R. 16 W., marked</p> <p style="padding-left: 100px;">T3S S24 on SW., and R16W S13 on NW. face; with 3 notches on N. and S. edges.</p>
80.00	<p>Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; raise a mound of earth; 3½ ft. base, 1½ ft. high, W. of cor.; also, deposit glass around post.</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 7 and 18, T. 3 S., R. 15 W., marked</p> <p style="padding-left: 100px;">T3S S7 on NE., and R15W S18 on SE. face; with 4 notches on S. and 2 notches on N. edge.</p>
	<p>Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high E. of cor.; also, deposit glass around post.</p> <p>Land, level alkali desert.</p> <p>Soil, wet, sticky clay, and sandy clay, saturated with mineral; brine stands at about 3 ft. beneath surface.</p> <p>No undergrowth.</p>
13.24	<p>North, on W. bdy. sec. 7.</p> <p>Over level land, void of vegetation.</p> <p>Set a fir post; 3 ft. long, 4 ins. square, 28 ins. in the ground, for ¼ sec. cor. of sec. 13, T. 3 S., R. 1 W., marked ¼ S13 on W. face</p>

West Boundary of T. 3 S., R. 15 W.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
W. of cor.: also, deposit glass around post.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for ¼ sec. cor. of sec. 7, T. 3 S., R. 15  
W., marked ¼ S7 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
E. of cor.: also, deposit glass around post.

53.24 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for cor. of secs. 12 and 13, T. 3 S., R.  
16 W., marked

T3S S12 on SW., and  
R16W S12 on NW. face: with 4 notches on  
S. and 2 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.:  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
W. of cor.: also, deposit glass around post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for cor. of secs. 6 and 7, T. 3 S., R. 15  
W., marked

T3S S6 on NE., and  
R15W S7 on SE. face: with 5 notches on  
S. and 1 notch on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.:  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
E. of cor.: also deposit glass around post.

Land, level alkali desert.

Soil, wet sandy clay and heavy, sticky clay, saturated  
with mineral. Brine encountered at from 2 to 3 ft.  
beneath the surface.

No vegetation.

North, on W. hdy. of sec. 6.

Over level land, void of vegetation.

13.24 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for ¼ sec. cor. of sec. 12, T. 3 S., R.

# Chains

- 16 W., marked  $\frac{1}{2}$  S6 on E. face.
- Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.; also, deposit glass around post.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{2}$  sec. cor. of sec. 8, T. 3 S., R. 15 W., marked  $\frac{1}{2}$  S6 on E. face.
- Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high E. of cor.; also, deposit glass around post.
- 53.24 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 1 and 12, T. 3 S., R. 15 W., marked
- T3S S12 on SW., and  
R16W S1 on NW. face; with 5 notches on S. and 1 notch on N. edge.
- Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.; also, deposit glass around post.
- 80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for corner of townships 2 and 3 south, range 15 west, marked
- T2S S31 on NE., and  
T3S R15W S6 on SE. face; with 6 notches on N. and S., and E. edges.
- Dig pits, 18x18x12 ins., N. and S., 3 ft., and E. of post, 7 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, E. of cor.; also, deposit glass around post.
- Land, level alkali desert, slight salty crust on surface, on portions of mile.
- Soil, wet, sticky, dark clay, saturated with mineral.
- Brine encountered at about 2 to  $2\frac{1}{2}$  ft. beneath surface.
- No vegetation.

North Boundary of T. 3 S., R. 15 W.

From the cor. of Ts. 2 and 3 S., R. 15 W.

East, on random line along N. bdy. of T. 3 S., R. 15 W., setting temp.  $\frac{1}{4}$  sec. and sec. cors. at intervals of 40.00 chs., and at 487.30 chs., fall 6 lks. S. of the cor. of Ts. 2 & 3 S., Rs. 14 & 15 W., heretofore described on page 17. The falling answers to a correction of  $0^{\circ}00'$ , or 1 lk. N. per mile, counting from the NW. cor. of Tp.; thence

West, on true line along N. bdy. of Tp., bet. secs. 1 & 36.

Over nearly level desert land with scattered sand rises and ridges, through scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S36 on N., and  
S1 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 32 ft. base, 12 ft. high, N. of cor.; also, deposit glass around post.

63.30 E. base of sand ridge, 20 ft. high, bears N. and S.; thence across ridge.

70.50 W. base of same, bears N. and S.

89.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, marked

T2S S36 on NE.,  
S1 on SE.,  
T3S S2 on SW., and  
R15W S35 on NW. face; with 1 notch on  
E. and 5 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec., 52 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also deposit glass around post.

Land, nearly level desert with several small sand rises and ridges. Small sand dunes to N. of line in sec. 36.

Soil, damp sandy clay, and dry, loose sand.

Undergrowth, scattered salt brush and greasewoods.

NORTH BOUNDARY OF T. 3 S., R. 15 W.

Chains	
	West, bet. secs. 2 and 35.
	Over nearly level land, through scattered brush.
6.40	E. base of sand ridge, bears nearly N. and S.; thence over ridge with loose sand.
7.90	Top of ridge, 25 ft. high, bears N. and S.
17.20	W. base of same, reenter flat, bears N. and S.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S35 on N., and S2 on S. face.
	Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.; also, deposit glass around post.
80.00	Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked T2S S35 on NE., S2 on SE., T2S S2 on SW., and R15W S34 on NW. face: with 2 notches on E. and 4 notches on W. edge.
	Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.
	Land, nearly level desert with sand ridge on E. $\frac{1}{2}$ mile.
	Soil, wet sandy clay, saturated with saline mineral on flat, loose sand on ridge.
	Undergrowth, scattered salt brush, with few scattered greasewoods on the ridge.
	West, bet. secs. 3 and 34.
	Over nearly level flat with scattered brush.
4.50	Leave flat, enter sand ridge, bears N. and S.
8.40	Top of ridge, 30 ft. high, bears N. and S.
21.00	W. base of ridge, reenter flat, bears N. and S.

- Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked S34 on N., and S33 on S. face.
- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.; also, deposit glass around post.
- Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked T2S S34 on NE., S3 on SE., T3S S4 on SW., and R15W S33 on NW. face: with 2 notches on E. and W. edges.
- Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.
- Land, level alkali desert with sand ridge on E.  $\frac{1}{2}$  mile.
- Soil, wet sandy clay on flat, loose sand, mixed with some clay on ridge.
- Undergrowth, scattered salt brush.
- 
- West, bet. secs. 4 and 33.
- Over nearly level flat, with scattered brush.
- 15.00 Leave flat, at E. base of sandy hill, bears NE. and S.; thence over hill.
- 20.70 Top of same, 25 ft. high, bears N. and S.
- 31.00 W. base of hill, bears N. and S.; thence over flat.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked S33 on N., and S4 on S. face.
- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.; also, deposit glass around post.
- 80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, marked



NORTH BOUNDARY OF T713 S32 R15W.

Chains		entire
	<p>T2S S33 on NE., S4 on SE., T3S S5 on SW., and R15W S32 on NW. face, with 4 notches on E. and 2 notches on W. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 12 ft. high, W. of cor.; also, deposit glass around base of post.</p> <p>Land, level alkali flat with sand hill on E. ½ mile.</p> <p>Soil, wet sandy clay, sticky clay, and loose sand.</p> <p>Undergrowth, scattered salt brush.</p>	00.00
40.00	<p>West, bet. secs. 5 and 32.</p> <p>Over level desert, void of vegetation.</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for ¼ sec. cor., marked ½ S32 on N., and S5 on S. face.</p> <p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.; also deposit glass around post.</p>	
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, marked T2S S32 on NE., S5 on SE., T3S S6 on SW., and R15W S31 on NW. face; with 5 notches on E. and 1 notch on W. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also deposit glass around post.</p> <p>Land, level alkali desert, thin salt crust on surface.</p> <p>Soil, wet, sticky clay, saturated with mineral.</p> <p>No vegetation.</p>	00.15
40.00	<p>West, bet. secs. 6 and 31.</p> <p>Over level desert, void of vegetation.</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for ¼ sec. cor., marked</p>	00.08

NORTH BOUNDARY OF T. 3 S., R. 15 W

$\frac{1}{4}$  S31 on N., and  
S6 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.: also, deposit glass around post.

87.30 Intersect the cor. of Ts. 2 and 3 S., R. 15 W., herein-  
before described.

Land, level alkali desert, with slight salt crust on  
most of mile.

Soil, wet, sticky clay, saturated with mineral.

No vegetation.

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WEST BOUNDARY OF T. 2 S., R. 15 W.

From the cor. of Ts. 2 and 3 S., R. 15 W.

North, along W. bdy. of T. 2 S., R. 15 W., on W bdy. of  
sec. 31.

Over level desert, void of vegetation.

13.24 Northing of 40.00 chs. from cor. of secs. 1 and 12,  
set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor. of sec. 1, T. 3 S., R. 16  
W., marked  $\frac{1}{4}$  S1 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.; also, deposit glass around post.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor. of sec. 31, T. 2 S., R.  
15 W., marked  $\frac{1}{4}$  S31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
E. of cor.; also, deposit glass around post.

54.79 Northing of 81.55 chs. from cor. of secs. 1 and 12,  
set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor. of sec. 31, T. 2 S., R. 15 W., marked  $\frac{1}{4}$  S31 on E. face.

Chains

ground, for corner of townships 2 and 3 south, range 16 west, marked

T3S S1 on SW., and  
T2S R16W S36 on NW. face; with 6 notches  
on N., S., and W. edges.

Dig pits, 18x18x12 ins., N. and S., 3 ft. dist., and  
W., 7 ft. dist. of post; and raise a mound of earth,  
3½ ft. base, 1½ ft. high, W. of cor.; also, deposit  
glass around post.

From this corner,  
Twin Nipples on Wildcat Mountain, bears S.55°08' E.,  
High point on Dutch Mountain, bears S.26°17' W.  
Sharp peak in Newfoundland Mountain, bears N.16°42' E.  
Tabby Peak in Cedar Range, bears S.73°37' E.  
Pilot Peak, (S. end) bears N.40°48' W.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for cor. of secs. 30 and 31, T. 2 S., R.  
15 W., marked

T2S S30 on NE., and  
R15W S31 on SE. face; with 1 notch on  
S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.;  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
E. of cor.; also, deposit glass around post.

Land, level alkali desert, with slight salt crust on  
most of mile.

Soil, wet, sticky clay, and sandy clay, saturated with  
mineral; brine encountered at about 2½ ft. beneath  
the surface of ground.

No vegetation.

North, on W. bdy. sec. 30.

Over level land, void of vegetation.

14.79 Northing of 40.00 chs. from cor. of T. 2 S., R. 16  
set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for ¼ sec. cor. of sec. 30, T. 2 S., R.  
16 W., marked ¼ S30 on N. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:

and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.; also, deposit glass around post.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for ¼ sec. cor. of sec. 30, T. 2 S., R. 16 E., marked S30 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:

and raise a mound of earth, 3½ ft. base, 1½ ft. high, E. of cor.; also, deposit glass around post.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 25 and 36, T. 2 S., R. 16 W., marked

T2S S36 on SW., and R16W S25 on NW. face; with 1 notch on S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.:

and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.; also, deposit glass around post.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 19 and 30, T. 2 S., R. 15 W., marked

T2S S19 on NE., and R15W S30 on SE. face; with 2 notches on S. and 4 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.:

and raise a mound of earth, 3½ ft. base, 1½ ft. high, E. of cor.; also, deposit glass around post.

Land, level alkali desert, thin crust of salt on portions of mile.

Soil, wet, sticky clay, and sandy clay, saturated with mineral; brine encountered at 2 to 2½ ft. beneath surface.

No vegetation.

North, on W. bdy. sec. 19.

Over level land, void of vegetation.

No vegetation.

WEST BOUNDARY OF T. 2 S., R. 16 W.

Chains	
14.79	Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 25, T. 2 S., R. 16 W., marked $\frac{1}{4}$ S25 on W. face; dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.; also, deposit glass around post.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 19, T. 2 S., R. 15 W., marked $\frac{1}{4}$ S19 on E. face; dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.; also, deposit glass around post.
54.79	Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 24 and 25, T. 2 S., R. 16 W., marked T2S S25 on SW., and R16W S24 on NW. face; with 2 notches on S. and 4 notches on N. edge; dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.; also, deposit glass around post.
80.00	Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 18 and 19, T. 2 S., R. 15 W., marked T2S S18 on NE., and R15W S19 on SE. face; with 3 notches on N. and S. edges; dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.; also, deposit glass around post.
	Land, level alkali desert with slight salt crust on portions of mile.
	Soil, wet clay, and sandy clay, saturated with mineral; brine encountered at 2 ft. beneath the surface.
	No vegetation.

North, on W. bdy. of sec. 18.

Over level land, void of vegetation.

Set a fir post, 3 ft. long; 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 24, T. 2 S., R. 16 W., marked  $\frac{1}{4}$  S24 on W. face:

dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around post,

Set a fir post, 3 ft. long; 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 18, T. 2 S., R. 15 W., marked  $\frac{1}{4}$  S18 on E. face:

dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, E. of cor.; also, deposit glass around post.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 13 and 24, T. 2 S., R. 16 W., marked

T2S S24 on SW., and  
R16W S13 on NW. face; with 3 notches on N. and S. edges;

dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around post.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 7 and 18, T. 2 S., R. 15 W., marked

T2S S7 on NE., and  
R15W S18 on SE. face: with 4 notches on S. and 2 notches on N. edge:

dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, E. of cor.; also, deposit glass around post.

Land, level alkali desert, with slight salt crust on

Soil, wet, sticky clay, and sandy clay, saturated with

No vegetation.

# WEST BOUNDARY OF T. 2 S., R. 16 W.

Chains

- North, on W. bdy. of sec. 7, T. 2 S., R. 16 W., no. 11104  
Over level land, void of vegetation.
- 14.79 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 13, T. 2 S., R. 16 W., marked  $\frac{1}{4}$  S13 on W. face; dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around post.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 7, T. 2 S., R. 15 W., marked  $\frac{1}{4}$  S7 on E. face; dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, E. of cor.; also, deposit a quart of glass at base of post.
- 54.79 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 12 and 13, T. 2 S., R. 16 W., marked  
T2S S13 on SW., and  
R16W S12 on NW. face; with 4 notches on S. and 2 notches on N. edge; dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around post.
- 80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 6 and 7, T. 2 S., R. 15 W., marked  
T2S S6 on NE., and  
R15W S7 on SE. face; with 5 notches on S. and 1 notch on N. edge; dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, E. of cor.; also, deposit glass around post.
- Land, level alkali desert; slight salt crusts on portions of surface.  
Soil, wet, sticky clay, and sandy clay, impregnated with mineral; brine 2 ft. beneath surface.

WEST BOUNDARY OF T. 2 S., R. 15 W.

No vegetation.

North, on W. bdy. sec. 6.

Over level land, void of vegetation.

14.79 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{2}$  sec. cor. of sec. 12, T. 2 S., R. 16 W., marked  $\frac{1}{2}$  S12 on W. face:

dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 32 ft. base, 12 ft. high, W. of cor.; also, deposit glass around post.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{2}$  sec. cor. of sec. 6, T. 2 S., R. 15 W., marked  $\frac{1}{2}$  S6 on E. face:

dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 32 ft. base, 12 ft. high, E. of cor.; also, deposit glass at base of post.

54.79 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 1 and 12, T. 2 S., R. 16 W., marked.

T2S S12 on SW., and  
R16W S1 on NW. face; with 5 notches on  
S. and 1 notch on N. edge:

dig pits, 18x18x12 ins., in each sec., 52 ft. dist.; and raise a mound of earth, 32 ft. base, 12 ft. high, W. of cor.; also, deposit a quart of glass around post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for corner of townships 12 and 2 south, range 15 west, marked

T12SR15WS31 on NE., and  
T2SR15WS36 on SE. face; with 6 notches  
on N., S., and E. edges:

dig pits, 18x18x12 ins., N. and S., 3 ft., and E. of post, 7 ft. dist.; and raise a mound of earth, 32 ft. base, 12 ft. high, E. of cor.; also, deposit glass around post.



# NORTH BOUNDARY OF T. 2 S., R. 15 W.

Chains

Land, level alkali desert, thin salt crust, of the mile.

Soil, wet, sticky clay, and sandy clay, saturated saline mineral; brine encountered at 2 to 3 ft. beneath the surface of ground.

No vegetation.

## NORTH BOUNDARY OF T. 2 S., R. 15 W.

From the cor. of T. 1 & 2 S., R. 15 W. East, on random line along N. bdy. of T. 2 S., R. 15 W. setting temp.  $\frac{1}{4}$  sec., and sec. cor. at intervals of 40.00 chs., and at 486.70 chs., intersect the cor. of T. 1 & 2 S., R. 15 W., and T. 1 & 2 S., R. 14 W., hereinbefore described on page 26, these notes; thence

From the cor. of T. 1 & 2 S., R. 14 W., and T. 1 & 2 S., R. 15 W.

West, on true line along N. bdy. of T. 2 S., R. 15 W., and S. bdy. T. 1 & 2 S., R. 15 W., bet. secs. 1 and 36. Over level alkali desert, through scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked S36 on N., and S1 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.; also, deposit glass around post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, marked

T1SS36 on NE., R15S1 on SE., T2SS2 on SW., and R15S35 on NW. faces; with 5 notches on E. and 5 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec., and raise a mound of earth

W. of cor.; also, deposit glass around post.

Land, level alkali desert with scattered, low sandy rises on hills to N. of line.

Soil, damp white clay, and sandy clay.

Undergrowth, scattered salt brush.

West, bet. secs. 2 and 35.

Over level land, through scattered brush.

9.00 Leave flat, enter low sandy rise, 10 to 15 ft. high, bears N. and S.

30.40 Leave rise, reenter flat, bears NW. and SE.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S35 on N., and  
S2 on S. face.

60.00 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.: and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.; also, deposit glass around post.

60.00 Leave flat, enter low sandy rise, bears N.20°W. and S.20°E.

75.00 Leave sandy rise, reenter flat, bears N. and S.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked

T1 $\frac{1}{2}$ S S35 on NE.,  
R15W S2 on SE.,  
T2S S3 on SW., and  
R15W S34 on NW. face: with 2 notches on  
E. and 4 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.:

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor.; also, deposit glass around post.

Land, level alkali desert with scattered low sandy rises.

Soil, damp sandy clay with some gypsum formation, and loose sand.

Undergrowth, scattered salt brush.

Soil, wet, silty clay, bears N.20°W. on S34

Undergrowth, very sparse salt brush.

NORTH BOUNDARY OF T. 2 S. R. 15 W.

Chains	
	West, bet. secs. 3 and 34. Over level land, through scattered brush.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S34 on N., and S2 on S. face.
	Fig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.: also, deposit glass around post.
48.50	Enter low sandy rise, 10 ft. high, bears N.20°W. and S.20°E.
57.10	Leave rise, bears NE. and SW.
80.00	Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked T1 $\frac{1}{2}$ S334 on NE., R15W S2 on SE., T2S S4 on SW., and R15W S33 on NW. face: with 3 notches on E. and W. edges.
	Fig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.: also, deposit glass around post.
	Land, level alkali desert with scattered, low sandy rises on both sides of line.
	Soil, heavy, sticky, white clay with some gypsum formation.
	Undergrowth, scattered salt brush.
	West, bet. secs. 4 and 33. Over level land, through scattered brush.
23.00	Enter low sand rise, 5 ft. high, bears N. and SW.: thence over rise extending N. about 8 chs., and S. 3 chs. dist. to end.
36.40	Leave rise, bears N. and SE.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S33 on N., and S4 on S. face

NORTH BOUNDARY OF T. 2 S., R. 15 W.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.; also, deposit glass around post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, marked

T1 $\frac{1}{2}$ S S33 on NE.,

R15W S4 on SE.,

T2S S5 on SW., and

R15W S32 on NW. face; with 4 notches on E. and 2 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.:

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor.; also, deposit glass around post.

Land, level alkali desert with small sand rise.

Soil, damp, sticky clay with scattered gypsum formation on surface.

Undergrowth, scattered salt brush.

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West, bet. secs. 5 and 32.

Over level land with few scattered salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{4}$  S32 on N., and

S5 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.:

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

N. of cor.; also, deposit glass around post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, marked

T1 $\frac{1}{2}$ S S32 on NE.,

R15W S5 on SE.,

T2S S6 on SW., and

R15W S31 on NW. face; with 5 notches on E. and 1 notch on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.:

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet, sticky clay.

Undergrowth, very scattered salt brush.

# NORTH BOUNDARY OF T. 2 S., R. 15 W.

Chains	
	West, bet. secs. 6 and 31:
	Over level land, through few scattered brush
8.00	Leave all vegetation, bears N. and S.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked
	$\frac{1}{4}$ S31 on N., and S6 on S. face.
	Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.; also deposit glass around post.
86.70	Intersect the corner of townships 1 $\frac{1}{2}$ and 2 south, range 15 west.
	Land, level alkali desert.
	Soil, wet, sticky clay, saturated with mineral: thin salt crust on surface near W. end of mile.
	Few scattered salt brush on E. end of mile.

## WEST BOUNDARY OF T. 1 $\frac{1}{2}$ S., R. 15 W.

	From the cor. of Ts. 1 $\frac{1}{2}$ and 2 S., R. 15 W.
	North, on W. bdy. of T. 1 $\frac{1}{2}$ S., R. 15 W., on W. bdy. sec. 31, and along E. bdy. of T. 2 S., R. 16 W.
	Over level land, void of vegetation.
14.79	Northing of 40.00 chs. from cor. of secs. 1 and 12, set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 1, T. 2 S., R. 15 W., marked $\frac{1}{4}$ S1 on W. face.
	Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.; also, deposit glass around post.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 31, T. 1 $\frac{1}{2}$ S., R. 15 W., marked $\frac{1}{4}$ S31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
E. of cor.; also, deposit glass around post.

55.56 Intersect S. bdy. of T. 1 S., R. 15 W., East, 3.08 chs.  
dist. from the original cor. of Ts. 1 and 2 S., Rs.

15 and 16 W., which is a glass deposit, 6 ins. under  
surface of ground and in center of traces of 4 pits,  
N., S., E. and W., 5 ft. dist., with a pine stake,  
2 ins. square, 2 ft. long, set full length in ground  
in the east pit, marked with 6 notches on 4 edges,  
no other marks discernable. All evidence of the mound  
over deposit has disappeared. I reconstruct cor. at  
same point as follows: Set a fir post, 3 ft. long,  
4 ins. square, 28 ins. in the ground, for cor. of  
T. 1 S., Rs. 15 and 16 W. only, marked

T1SR15WSZ1 on NE., and  
T1SR16WS36 on NW. face; with 6 notches on  
E., W., and N. edges.

And destroy notches on E. edge of old stake in pit.

At point of intersection,

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for closing corner of T. 1 S., R. 15 W.,  
and T. 2 S., R. 16 W., marked

CCT1 $\frac{1}{2}$ -2S and 6 grooves on S.,  
R15WSZ1 and 6 grooves on E., and  
R16WS1 and 6 grooves on W. face.

Dig pits, 18x18x12 ins., E. and W., 3 ft., and S. of  
post, 7 ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$  ft.  
base, 1 $\frac{1}{2}$  ft. high, S. of cor.; also, deposit glass  
around post.

Land, level alkali desert.

Soil, sticky clay, saturated with mineral; thin salt  
crust on portions of surface.

No vegetation.

WEST BOUNDARY OF T. 4 S., R. 16 W.

Chains

WEST BOUNDARY OF T. 4 S., R. 16 W.

From the standard corner of T. 4 S., R. 16 and 17 W.,  
a fir post, 4 ins. square, properly set, marked and  
witnessed as described by me in survey of 1st  
Auxiliary Standard Parallel South, through range 17  
west, this Group.

Thence

North, along W. bdy. of T. 4 S., R. 16 W., bet. secs.  
31 and 36.

Over level alkali desert or flat, void of vegetation.

4.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for  $\frac{1}{2}$  sec. cor., marked

S36 on W., and  
S31 on E. face.

Fir pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.  
and raise a mound of earth, 32 ft. base, 1 $\frac{1}{2}$  ft. high  
W. of cor.: also, deposit glass around post.

4.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for cor. of secs. 25, 30, 31 and 36, mark

T4S S30 on NE.,  
R16W S31 on SE.,  
S36 on SW., and  
E17W S25 on NW. face: with 1 notch on  
S. and 5 notches on N. edge.

Fir pits, 18x18x12 ins., in each sec., 52 ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.: also, deposit glass around post.

Land, level alkali desert with slight salt crust on  
surface of portions of mile.

Soil, wet, stick clay, saturated with saline mineral;  
brine encountered at from 18 to 24 ins. beneath the  
surface.

No vegetation.

North, bet. secs. 25 and 30.

Over level alkali land, void of vegetation.

WEST BOUNDARY OF T. 4 S., R. 16 W.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S25 on W., and  
S30 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base, 1 ft. high, W. of cor.; also, deposit glass around post.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 18, 24, 25 and 30, marked

T4SS19 on NE.,  
R16WS30 on SE.,  
S25 on SW., and  
R17WS24 on NW. face: with 2 notches on E. and 4 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.

Land, level alkali desert, slight salt crust on surface. Soil, heavy, sticky clay, saturated with minerals: none encountered at about 2 ft. beneath the surface. NO vegetation.

North, bet. secs. 18 and 24.

Over level alkali land, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S24 on W., and  
S19 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base, 1 ft. high, W. of cor.; also, deposit glass around post.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 12, 18, 19 and 24, marked

T4SS18 on NE.,  
R16WS19 on SE.,  
S24 on SW., and  
R17WS12 on NW. face: with 2 notches on N. and 3. edges.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.



WEST BOUNDARY OF T. 4 S. R. 18 E.

Chains

Land, level alkali desert.  
Soil, wet, sticky clay, saturated with saline mineral  
slight salty crust on surface.  
No vegetation.

North, bet. secs. 13 and 18.  
Over level land, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S13 on W., and  
S18 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dis-  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high  
W. of cor.; also, deposit glass around post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for cor. of secs. 7, 12, 13 and 18, marked  
T4SS7 on NE.,  
R16WS18 on SE.,  
S13 on SW., and  
R17WS12 on NW. face; with 4 notches on  
S. and 2 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.; also, deposit glass around post.

Land, level alkali desert.  
Soil, wet, sticky clay, saturated with mineral; brine  
encountered at about 2 ft. beneath the surface.  
No vegetation.

North, bet. secs. 7 and 12.  
Over level land, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
ground, for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S12 on W., and  
S7 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high

W. of cor.; also, deposit glass around post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, marked

T4SS6 on NE.,  
R16WS7 on SE.,  
S12 on SW., and  
R17WS1 on NW. face; with 5 notches on  
S. and 1 notch on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.:

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet, sticky clay, saturated with saline mineral.

No vegetation. Brine found at 2 to 3 ft. beneath the surface.

North, bet. secs. 1 and 6.

Over level land, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S1 on W., and  
S6 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

W. of cor.; also, deposit glass around post.

42.00 Enter few scattered salt brush, bears E. and W.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for corner of townships 3 and 4 south, ranges 16 and 17 west, marked

T3SS31 on NE.,  
R16WS6 on SE.,  
T4SS1 on SW., and  
R17WS36 on NW. face; with 6 notches on  
N., S., E. and W. edges.

Dig pits, 18x18x12 ins., E., W., and N., 3 ft., and

S. of post, 7 ft. dist.; and raise a mound of earth,

4 ft. base, 2 ft. high, S. of cor.; also, deposit

glass around post.

Land, level alkali desert on Great Salt Lake Basin.

NORTH BOUNDARY OF T. 4 S., R. 16 W.

Chains

Soil, wet, sticky clay, saturated with saline mineral  
slight salty crust on surface of portions of mile.  
Very scattered, short salt brush on N. portion of mile

NORTH BOUNDARY OF T. 4 S., R. 16 W.

From the cor. of Ts. 3 and 4 S., Rs. 16 and 17 W.  
East, on ranom line along N. bdy. of T. 4 S., R. 16 W.  
setting temp.  $\frac{1}{4}$  sec. and sec. cors. at intervals of  
40.00 chs., and at 479.43 chs., fall 5 lks. S. of the  
cor. of Ts. 3 and 4 S., R. 16 W., hereinbefore describ-  
ed. The falling answers to a correction of  $0^{\circ}00'$ ,  
or  $5/6$  lk. N. per mile, counting from the NW. cor. of  
Tp.; thence

From the cor. of Ts. 3 and 4 S., R. 16 W.  
West, on true line along N. bdy. of T. 4 S., R. 16 W.,  
bet. secs. 1 and 36.

Over level alkali land, through scattered salt brush.

22.00 Leave all vegetation, bears N. and S.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S36 on N., and  
S1 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high  
N. of cor.; also, deposit glass around post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for cor. of secs. 1, 2, 35 and 36, marked

T3SS36 on NE.,  
S1 on SE.;  
T4SS2 on SW., and  
R16WS35 on NW. face; with 1 notch on E.  
and 5 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.; also, deposit glass around post.

West, bet. secs. 3 and 32.

Land, level alkali desert.

Soil, wet, heavy clay, saturated with saline mineral;

brine encountered at about 2½ to 3 ft. beneath the

Undergrowth, very scattered salt brush, on E. 22 chs.

West, bet. secs. 2 and 35.

Over level land, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for ¼ sec. cor., marked

¼ S35 on N., and

S2 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;

and raise a mound of earth, 3½ ft. base, 1½ ft. high,

N. of cor.; also, deposit glass around post.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in

the ground, for cor. of secs. 2, 3, 24 and 35, marked

T3SS35 on NE.,

S2 on SE.,

T4SS3 on SW., and

R16WS34 on NW. face; with 2 notches on  
E. and 4 notches on W. edge.

Dig pits, 18x18x12 ins.; in each sec., 5½ ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, heavy, white clay, saturated with mineral; brine

encountered at about 2½ to 3 ft. beneath the surface.

No vegetation.

West, bet. secs. 3 and 34.

Over level land, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in

the ground, for ¼ sec. cor., marked

¼ S34 on N., and

S2 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;

Chains

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high

N. of cor.; also, deposit glass around post.

3.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in

the ground, for cor. of secs. 3, 4, 33 and 34, mark

T3SS34 on NE.,

S3 on SE.,

T4SS4 on SW., and

R16WS33 on NW. face: with 3 notches  
E. and W. edges.

Dig pits,  $18 \times 18 \times 12$  ins., in each sec.,  $5\frac{1}{2}$  ft. dist.:

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet clay, saturated with saline mineral. Brine  
encountered at about 2 ft. below surface.

No vegetation.

Next, bet. secs. 4 and 33.

Over level land, void of vegetation.

3.00 Enter few scattered salt brush, bears N. and S.

4.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in

the ground, for 1 sec. cor., marked

S33 on N., and

S4 on S. face.

Dig pits,  $18 \times 18 \times 12$  ins., E. and W. of post, 3 ft. dist.

and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high

W. of cor.; also, deposit glass around post.

5.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in

the ground, for cor. of secs. 4, 5, 32 and 33, mark

T3SS33 on NE.,

S4 on SE.,

T4SS5 on SW., and

R16WS32 on NW. face; with 4 notches on  
E. and 2 notches on W. edge.

Dig pits,  $18 \times 18 \times 12$  ins., in each sec.,  $5\frac{1}{2}$  ft. dist.:

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet, sticky clay, saturated with mineral.

Few scattered salt brush on most of mile.

# 3 NORTH BOUNDARY OF T. 4 S., R. 16 W.

West, bet. secs. 5 and 32.

Over level land, through few scattered salt brush.

20.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S32 on N., and  
S5 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.; also, deposit glass around post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, marked

T3SS32 on NE.,  
S5 on SE.,  
T4SS6 on SW., and  
R16WS31 on NW. face; with 5 notches on E. and 1 notch on W. edge.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet, sticky clay, saturated with mineral.

Undergrowth, few scattered salt brush.

West, bet. secs. 6 and 31.

Over level land, through few scattered salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S31 on N., and  
S6 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.: and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.; also, deposit glass around post.

79.43 Intersect the cor. of Ts. 3 and 4 S., Rs. 16 and 17 W., heretofore described.

Land, level alkali desert.

Soil, wet, sticky clay.

Undergrowth, few scattered salt brush, about 1 ft. high.

WEST BOUNDARY OF T. 3 S., R. 16 W.

From the cor. of Ts. 3 and 4 S., Rs. 16 and 17 W.

North, along W. bdy. of Tp., bet. secs. 31 and 36.

Onains

40.00

Over level land, through scattered salt brush.  
Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S36 on W., and  
S31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high  
W. of cor.; also, deposit glass around post.

80.00

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for cor. of secs. 25, 30, 31, and 36, marked

T3SS30 on NE.,  
R16WS31 on SE.,  
S36 on SW., and  
R17WS25 on NW. face; with 1 notch on S  
and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, damp, sticky clay.

Undergrowth, very scattered salt brush.

North, bet. secs. 25 and 30.

Over level land, through scattered brush.

40.00

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S25 on W., and  
S30 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high  
W. of cor.; also deposit glass around post.

70.00

Leave all vegetation, bears E. and W.

80.00

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
ground, for cor. of secs. 19, 24, 25 and 30, marked

T3SS19 on NE.,  
R16WS30 on SE.,  
S25 on SW., and  
R17WS24 on NW. face; with 2 notches on  
S. and 4 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.;  
raise a mound of earth, 4 ft. base, 2 ft. high, W. of  
cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet, dark, sealed clay.

Undergrowth, scattered salt brush.

North, bet. secs. 19 and 24.

Over level land, void of vegetation.

00.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S24 on W., and  
S19 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.; also, deposit glass around post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 17, 18, 19 and 24, marked

T3SS18 on NE.,  
R16WS19 on SE.,  
S24 on SW., and  
R17WS13 on NW. face; with 2 notches on  
N. and S. edges.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet, seamed clay, saturated with saline mineral.  
No vegetation.

North, bet. secs. 13 and 18.

Over level land, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S12 on W., and  
S18 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.; also, deposit glass around post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, marked

T3SS7 on NE.,  
R16WS18 on SE.,  
S13 on SW., and  
R17WS12 on NW. face; with 4 notches on  
S. and 2 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,



## Chains

W. of cor.; also, deposit glass around post.  
Land, level alkali desert.

Soil, heavy, wet clay, saturated with saline minerals.

brine encountered at about 2½ to 3 ft. beneath surface.

No vegetation.

North, bet. secs. 7 and 12.

Over level land, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for ¼ sec. cor.; marked

¼ S12 on W., and  
S7 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.  
and raise a mound of earth, 3½ ft. base, 1½ ft. high.

W. of cor.; also, deposit glass around post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for cor. of secs. 1, 6, 7 and 12, marked

T3SS6 on NE.,  
R16WS7 on SE.,  
S12 on SW., and  
R17WS1 on NW. face; with 5 notches on  
S. and 1 notch on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet clay, saturated with mineral; brine encountered  
at 2½ ft. beneath the surface.

No vegetation.

North, bet. secs. 1 and 6.

Over level land, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for ¼ sec. cor., marked

¼ S6 on W., and  
S6 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

and raise a mound of earth, 3½ ft. base, 1½ ft. high.

Chains

W. of cor.; also, deposit glass around post.

St. 55 Intersect the S. bdy. of T. 2 S., R. 16 W., N.  $89^{\circ}59'E.$ , 2.34 chs. dist. from the original cor. of Ts. 2 and 3 S., Rs. 16 and 17 W., a pine post, 4 ins. square, showing 4 ins. above ground, properly marked, and witnessed by evidences of 4 pits. No evidence of the mound. I destroy marks on post pertaining to T. 3 S., leaving same for Ts. 2 S., Rs. 16 and 17 W., only.

At point of intersection,

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for closing corner of T. 3 S., Rs. 16 and 17 W., marked

CCT3S and 6 grooves on S.,  
R16WS6 and 6 grooves on E., and  
R17WS1 and 6 grooves on W. face.

Dig pits, 18x18x12 ins.; on line, E. and W., 3 ft., and S. of post, 7 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, S. of cor.; also deposit glass around post.

Land, level alkali flat on the Great Salt Lake Desert. Soil, heavy, wet clay, saturated with mineral, with slight salty crust on the surface.

No vegetation.

# NORTH BOUNDARY OF T. 3 S., R. 16 W.

From the closing cor. of T. 3 S., Rs. 16 and 17 W. East, on random line along N. bdy. of T. 3 S., R. 16 W., setting temp.  $\frac{1}{2}$  sec. and sec. cors. at intervals of 40.00 chs., and at 478.96 chs. dist., fall 15 lks. S. of the cor. of Ts. 2 and 3 S., R. 16 W., hereinbefore described. The falling answers to a correction of  $0^{\circ}01'$ , or 2 and  $1\frac{1}{3}$  lks. N per mile, counting from the NW. cor. of Tp.; thence

From the cor. of Ts. 2 and 3 S., R. 16 W.

NORTH-BOUNDARY OF T. 3 S., R. 16 W.

Chains

S.  $89^{\circ}59'$  W., on true line along N. bdy. of tp., bet. secs. 1 and 36.

Over level alkali flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S36 on N., and  
S1 on S. face.

Fir pits,  $18 \times 18 \times 12$  ins., E. and W. of post, 3 ft. dist. and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.; also, deposit glass around post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, mark

T2SS36 on NE.,  
S1 on SE.,  
T3SS2 on SW., and  
R16WS35 on NW. face; with 1 notch on E. and 5 notches on W. edge.

Fir pits,  $18 \times 18 \times 12$  ins., in each sec.,  $5\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet, sticky clay, and sandy clay, saturated with saline mineral.

No vegetation.

S.  $89^{\circ}59'$  W., bet. secs. 2 and 35.

Over level land, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S35 on N., and  
S2 on S. face.

Fir pits,  $18 \times 18 \times 12$  ins., E. and W. of post, 3 ft. dist. and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.; also, deposit glass around post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked

T2SS35 on NE.,  
S2 on SE.,  
T3SS3 on SW., and  
R16WS34 on NW. face; with 2 notches on

E. and 4 notches on W. edge; dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet clay, and sandy clay, saturated with mineral.  
No vegetation.

S. 89°59' W., bet. secs. 3 and 24.

Over level land, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S24 on E., and  
S2 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 3, 4, 23 and 24, marked

T23S24 on NE.,  
S2 on SE.,  
T23S24 on SW., and  
E16W23 on NW. face: with 3 notches on  
E. and W. edges.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet, sandy clay, and sticky clay, saturated with mineral.

No vegetation.

S. 89°59' W., bet. secs. 4 and 33.

Over level land, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

NORTH BOUNDARY OF T. 13 N., R. 16 W.

Chains

$\frac{1}{4}$  S33 on N., and  
S4 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high  
N. of cor.; also, deposit glass around post.

80.00

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for cor. of secs. 4, 5, 32 and 33, marked

T2SS33 on NE.,  
S4 on SE.,  
T3SS5 on SW., and  
R16WS32 on NW. face; with 4 notches on  
E. and 2 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet sandy clay, and sticky clay, saturated with  
saline mineral.

No vegetation.

S.  $89^{\circ}59'$  W., bet. secs. 5 and 32.

Over level land, void of vegetation.

40.00

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S32 on N., and  
S5 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high  
N. of cor.; also, deposit glass around post.

80.00

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for cor. of secs. 5, 6, 31 and 32, marked

T2SS32 on NE.,  
S5 on SE.,  
T3SS6 on SW., and  
R16WS31 on NW. face; with 5 notches on  
E. and 1 notch on W. edge.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, heavy, sticky, wet clay; brine encountered 2 ft. beneath the surface.

No vegetation.

S. 89°59' W., on true line bet. secs. 6 and 31.

Over level land, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{2}$  sec. cor., marked

$\frac{1}{2}$  S31 on N., and  
S6 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 32 ft. base, 12 ft. high, N. of cor.; also, deposit glass around post.

Intersect the closing cor. of T. 3 S., Rs. 16 and 17 W., heretofore described.; thence on S. bdy. of S. 31.

The cor. of T. 2 S., Rs. 16 and 17 W., heretofore described.

Land, level alkali flat on Great Salt Lake Desert.

Soil, heavy, sticky, wet clay, saturated with saline mineral.

No vegetation.

WEST BOUNDARY OF T. 4 S., R. 17 W.

From the original corner of townships 4 and 5 south, ranges 17 and 18 west, which is a granite stone, showing 8x7x6 ins., above ground, firmly set, no marks remaining on stone, witnessed by traces of pits, on each line, N., S., E. and W.; and trace of mound of earth, S. of cor., in approximate latitude 40°25' N., longitude 113°50' W.; thence

North, on true line along W. bdy. of T. 4 S., R. 17 W., bet. sec. 31 and 36.

# Chains

- Over level alkali land, void of vegetation.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked
- $\frac{1}{4}$  S36 on W., and  
S31 on E. face.
- Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.; also, deposit glass around post.
- 80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, marked
- T4SS30 on NE.,  
R17WS31 on SE.,  
S36 on SW., and  
R18WS25 on NW. face; with 1 notch on S. and 5 notches on N. edge.
- Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.
- Soil, heavy, wet, sticky clay, saturated with mineral. Land, level alkali desert; brine encountered at  $2\frac{1}{2}$  ft. beneath the surface.
- No vegetation.
- 
- North, bet. secs. 25 and 30.
- Over level land, void of vegetation.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked
- $\frac{1}{4}$  S25 on W., and  
S30 on E. face.
- Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around post.
- 80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked
- T4SS19 on NE.,  
R17WS30 on SE.,  
S25 on SW., and  
R18WS24 on NW. face; with 2 notches on S. and 4 notches on N. edge.
- Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet, sticky clay, saturated with saline mineral;  
brine stands at from 2 to 3 ft. beneath the surface.

No vegetation.

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North, bet. secs. 19 and 24.

Over level land, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S24 on W., and  
S19 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor.: also, deposit glass around post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for cor. of secs. 13, 18, 19 and 24,  
marked

T4SS18 on NE.,  
R17WS19 on SE.,  
S24 on SW., and  
R18WS13 on NW. face; with 3 notches on  
N. and S. edges.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.: also, deposit glass around post.

Land, level alkali flat.

Soil, wet clay, saturated with mineral; brine encountered  
at about 2 $\frac{1}{2}$  ft. beneath the surface.

No vegetation.

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North, bet. secs. 13 and 18.

Over level land, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S13 on W., and  
S18 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:



Chains

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high  
W. of cor.; also, deposit glass around post.  
80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for cor. of secs. 7, 12, 13 and 18, marked  
T4SS7 on NE.,  
R17WS18 on SE.,  
S13 on SW., and  
R18WS12 on NW. face; with 4 notches on  
S. and 2 notches on N. edge.  
Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high;  
W. of cor.; also, deposit glass around post.  
Land, level alkali desert.  
Soil, wet, sticky clay, saturated with mineral; brine  
encountered at about 2 $\frac{1}{2}$  to 3 ft. beneath the surface.  
No vegetation.

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North, bet. secs. 7 and 12.  
Over level land, void of vegetation.  
40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S12 on W., and  
S7 on E. face.  
Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high  
W. of cor.; also, deposit glass around post.  
80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for cor. of secs. 1, 6, 7, and 12, marked  
T4SS6 on NE.,  
R17WS7 on SE.,  
S12 on SW., and  
R18WS1 on NW. face; with 5 notches on  
S. and 1 notch on N. edge.  
Dig pits, 18x18x12 ins., in each sec.; 5 $\frac{1}{2}$  ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.; also, deposit glass around post.  
Land, level alkali desert.  
Soil, wet, sticky clay; saturated with mineral; brine  
encountered at about 2 $\frac{1}{2}$  to 3 ft. beneath the surface.  
No vegetation.

North, bet. secs. 1 and 6.

Over level land, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S1 on W. and  
S6 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.; also, deposit glass around post.

80.37 Intersect the S. bdy. of T. 3 S., R. 17 W., S. 89°57'E., 2.48 chs. dist. from the original cor. of Ts. 3 and 4 S., Rs. 17 and 18 W., which is a dressed fir post, 4 ins. square, showing 8 ins. above ground, firmly set, properly marked as described in records of the survey of T. 3 S., R. 18 W. This cor. now refers to T. 3 S., Rs. 17 and 18 W., only, therefore I change the markings on post to read as follows:

T3SS31 on NE.,  
R18WS1 on SE.,  
T4SS1 on SW., and  
R18WS36 on NW. face; with 6 notches on E., W., and N. edges.

At point of intersection,

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for closing corner of T. 4 S., Rs. 17 and 18 W., marked

CCT4S and 6 grooves on S.,  
R17WS6 and 6 grooves on E., and  
R18WS1 and 6 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and S. of post, 7 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, S. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet, sticky clay, saturated with saline mineral; brine encountered at about 3 ft. beneath the surface.

No vegetation.

NORTH BOUNDARY OF T. 4 S., R. 17 W.

Chains

NORTH BOUNDARY OF T. 4 S., R. 17 W.

From the closing cor. of T. 4 S., Rs. 17 and 18 W.  
S.  $89^{\circ}57'$  E., (computed course) on random line along  
N. bdv. of T. 4 S., R. 17 W., setting temp.  $\frac{1}{4}$  sec.  
and sec. cors. at intervals of 40.00 chs., and at  
479.12 chs. dist., fall 5 lks. S. of the cor. of  
Ts. 3 and 4 S., Rs. 16 and 17 W., hereinbefore  
described. The falling answers to a correction of  
 $0^{\circ}00'$ , or  $5/6$  lk. N. per mile, counting from the NW  
cor. of T. 4 S.: thence

From the cor. of Ts. 3 & 4 S., Rs. 16 & 17 W.  
N.  $89^{\circ}57'$  W., on true line along N. bdv. of tp., bet  
secs. 1 and 36.

Over level alkali desert, through very scattered salt  
brush.

In E. edge of salt brush, bears N. and S.,

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S36 on N., and  
S1 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dis-  
tance, and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high  
W. of cor.: also, deposit glass around post.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for cor. of secs. 1, 2, 35 and 36, mark

T3SS36 on NE.,  
S1 on SE.,  
T4SS2 on SW., and  
R17WS35 on NW. face; with 1 notch on  
E. and 5 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.: also, deposit glass around post.

Land, level alkali desert.

Soil, wet, sticky clay, saturated with saline mineral  
Undergrowth, scattered salt brush, about 1 ft. high,  
on E.  $\frac{1}{2}$  mile.

N. 89°57' W. bet. secs. 2 and 35.

Over level land, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S35 on N., and  
S2 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.; also, deposit glass around post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked

T3SS35 on NE.,  
S2 on SE.,  
T4SS3 on SW., and  
R17WS34 on NW. face; with 2 notches on  
E. and 4 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, heavy, wet, sticky clay, saturated with mineral.

No vegetation.

N. 89°57' W., bet. secs. 3 and 34.

Over level land, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S34 on N., and  
S3 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.; also, deposit glass around post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked

T3SS34 on NE.,  
S3 on SE.,  
T4SS4 on SW., and  
R17WS33 on NW. face; with 3 notches on  
E. and W. edges.

Chains	
	<p>Dig pits, 18x18x12 ins., in each sect., 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.</p> <p>Land, level alkali desert.</p> <p>Soil, wet clay, saturated with mineral; brine encountered at 3 ft. beneath the surface.</p> <p>No vegetation.</p>
	<p>N. 89°57' W., bet. secs. 4 and 33.</p> <p>Over level land, void of vegetation.</p>
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for 1/4 sec. cor., marked</p> <p>1/4 S33 on N., and S4 on S. face.</p> <p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high N. of cor.; also, deposit glass around post.</p>
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, marked</p> <p>T3SS33 on NE., S4 on SE., T4SS5 on SW., and R17WS32 on NW. face</p> <p>Dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.; also, deposit glass around post.</p> <p>Land, level alkali flat.</p> <p>Soil, wet clay, saturated with mineral.</p> <p>No vegetation.</p>
	<p>N. 89°57' W., bet. secs. 5 and 32.</p> <p>Over level land, void of vegetation.</p>
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the ground, for 1/4 sec. cor., marked</p> <p>1/4 S32 on N. and S5 on S. face.</p>

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.,  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
N. of cor.; also, deposit glass around post.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for cor. of secs. 5, 6, 31 and 32, marked

T3SS32 on NE.,  
S5 on SE.,  
T4SS6 on SW., and  
R17WS31 on NW. face; with 5 notches on  
E. and 1 notch on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.:  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.; also, deposit glass around post.

Land, level alkali desert.

Soil, wet, sticky clay, saturated with mineral.

No vegetation.

N. 89°57' W., on true line bet. secs. 6 and 31.

Over level land, void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in  
the ground, for ¼ sec. cor., marked

½ S31 on N., and  
S6 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.:  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
N. of cor.; also, deposit glass around post.

Intersect the closing cor. of T. 4 S., Rs. 17 and 18 W.,  
heretofore described.; thence on S. bdy. sec. 31

The corner of T. 3 S., Rs. 17 and 18 W., heretofore  
described.

# TABLES OF THE

Boundaries of T. 4 S., R. 14 W.						
Lines designated	True bearing	Dist- ances Chs.	Latitudes N. Chs.	S. Chs.	Departures E. Chs.	W. Chs.
1st St. Par. S R14W	West	480.00	.....	.....	.....	.....
W. Bdy. T. 4S R14W	North	480.00	480.00	.....	.....	.....
N. Bdy. T. 4S R14W	East	479.47	.....	.....	479.47	.....
3rd Guide Mer. W	South	480.00	.....	480.00	.....	.....
Convergency					.61	
Totals		480.00	480.00	480.00	480.00	480.00
Error in lat. and dep.		0.00			0.08	

Boundaries of T. 3 S., R. 14 W.						
Lines designated	True bearing	Dist- ances Chs.	Latitudes N. Chs.	S. Chs.	Departures E. Chs.	W. Chs.
W. Bdy. T. 3S R14W	North	480.00	480.00	.....	.....	.....
N. Bdy. T. 3S R14W	East	478.52	.....	.....	478.52	.....
3rd Guide Mer. W	South	480.00	.....	480.00	.....	.....
S. Bdy. T. 3S R14W	West	479.47	.....	.....	.....	479.47
Convergency					.61	
Totals		480.00	480.00	479.13	479.47	479.47
Error in lat. and dep.		0.00			0.34	

Boundaries of T. 2 S., R. 14 W.						
Lines designated	True bearing	Dist- ances Chs.	Latitudes N. Chs.	S. Chs.	Departures E. Chs.	W. Chs.
W. Bdy. T. 2S R14W	North	480.00	480.00	.....	.....	.....
N. Bdy. T. 2S R14W	East	477.62	.....	.....	477.62	.....
3rd Guide Mer. W	South	480.00	.....	480.00	.....	.....
S. Bdy. T. 2S R14W	West	478.52	.....	.....	.....	478.52
Convergency					.61	
Totals		480.00	480.00	478.23	478.52	478.52
Error in lat. and dep.		0.00			0.29	

Boundaries of T. 4 S., R. 15 W.						
Lines designated	True bearing	Dist- ances Chs.	Latitudes N. Chs.	S. Chs.	Departures E. Chs.	W. Chs.
W. Bdy. T. 4S R15W	North	480.00	480.00	.....	.....	.....
N. Bdy. T. 4S R15W	East	488.26	.....	.....	488.26	.....
E. Bdy. T. 4S R15W	South	480.00	.....	480.00	.....	.....
1st St. Par. SR15W	West	488.87	.....	.....	.....	488.87
Convergency					.61	
Totals		480.00	480.00	488.87	488.87	488.87
Error in lat. and dep.		0.00			0.00	

# ROUGH TABLES OF LATITUDES, DEPARTURES, AND CLOSING ERRORS.

## Boundaries of T. 3 S., R. 15 W.

Lines designated	True bearing	Dist- ances Chs.	Latitudes		Departures	
			N. Chs.	S. Chs.	E. Chs.	W. Chs.
W.Bdy. T3S R15W	North	480.00	480.00	.....	.....	.....
N.Bdy. T3S R15W	East	487.30	.....	.....	487.30	.....
E.Bdy. T3S R15W	South	480.00	.....	480.00	.....	.....
S.Bdy. T3S R15W	West	488.26	.....	.....	.....	488.26
Convergency					.62	
Totals			480.00	480.00	487.92	488.26
			480.00		487.92	
Errors in lat. and dep.			0.00			0.34

## Boundaries of T. 2 S., R. 15 W.

Lines designated	True bearing	Dist- ances Chs.	Latitudes		Departures	
			N. Chs.	S. Chs.	E. Chs.	W. Chs.
W.Bdy. T2S R15W	North	480.00	480.00	.....	.....	.....
N.Bdy. T2S R15W	East	486.70	.....	.....	486.70	.....
E.Bdy. T2S R15W	South	480.00	.....	480.00	.....	.....
S.Bdy. T2S R15W	West	487.30	.....	.....	.....	487.30
Convergency					.62	
Totals			480.00	480.00	487.32	487.30
			480.00		487.30	
Errors in lat. and dep.			0.00			0.02

## Boundaries of T. 1 S., R. 15 W.

Lines designated	True bearing	Dist- ances Chs.	Latitudes		Departures	
			N. Chs.	S. Chs.	E. Chs.	W. Chs.
W.Bdy. T1S R15W	North	55.56	55.56	.....	.....	.....
N.Bdy. T1S R15W	East	486.64	.....	.....	486.64	.....
E.Bdy. T1S R15W	South	55.52	.....	55.52	.....	.....
S.Bdy. T1S R15W	West	486.70	.....	.....	.....	486.70
Convergency					.65	
Totals			55.56	55.52	486.69	486.70
			55.52		486.69	
Errors in lat. and dep.			0.04			0.01

## Boundaries of T. 4 S., R. 16 W.

Lines designated	True bearing	Dist- ances Chs.	Latitudes		Departures	
			N. Chs.	S. Chs.	E. Chs.	W. Chs.
W.Bdy. T4S R16W	North	480.00	480.00	.....	.....	.....
N.Bdy. T4S R16W	East	479.43	.....	.....	479.43	.....
E.Bdy. T4S R16W	South	480.00	.....	480.00	.....	.....
1st Aux. S.P.S.	West	480.00	.....	.....	.....	480.00
Convergency					.61	
Totals			480.00	480.00	480.04	480.00
			480.00		480.00	
Error in lat. and dep.			0.00			0.04



# TABLES OF LATITUDES, DEPARTURES, AND CLOSING ERRORS

## Boundaries of T. 3 S., R. 16 W.

Lines designated	True bearing	Dist- ances Chs.	Latitudes		Departures	
			N.	S.	E.	W.
			Chs.	Chs.	Chs.	Chs.
W.Bdy. T3S R16W	North	481.55	481.55	.....	.....	.....
N.Bdy. T3S R16W	N.89°59'E	478.96	.....15	.....	478.96	.....
E.Bdy. T3S R16W	South	481.55	.....	481.55	.....	.....
S.Bdy. T3S R16W	West	479.43	.....	.....	.....	479.43
Convergency					.61	
Totals			481.70	481.55	479.57	479.43
			481.55		479.43	
Error in lat. and dep.			0.15		0.14	

## Boundaries of T. 2 S., R. 16 W.

Lines designated	True bearing	Dist- ances Chs.	Latitudes		Departures	
			N.	S.	E.	W.
			Chs.	Chs.	Chs.	Chs.
W.Bdy. T2S R16W	North	480.00	480.00	.....	.....	.....
N.Bdy. T2S R16W	East	480.60	.....	.....	480.60	.....
E.Bdy. T2S R16W	South	480.77	.....	480.77	.....	.....
S.Bdy. T2S R16W	S.89°59'W	481.30	.....	.....15	.....	481.30
Convergency					.62	
Totals			480.00	480.92	481.22	481.30
				480.00		481.22
Error in lat. and dep.				0.92		0.08

## Boundaries of T. 4 S., R. 17 W.

Lines designated	True bearing	Dist- ances Chs.	Latitudes		Departures	
			N.	S.	E.	W.
			Chs.	Chs.	Chs.	Chs.
W.Bdy. T4S R17W	North	480.37	480.37	.....	.....	.....
N.Bdy. T4S R17W	S.89°57'E	479.12	.....	.....42	479.12	.....
E.Bdy. T4S R17W	South	480.00	.....	480.00	.....	.....
1st Aux. St. Par. R17W	S. West	480.00	.....	.....	.....	480.00
Convergency					.61	
Totals			480.37	480.42	479.73	480.00
				480.37		479.73
Error in lat. and dep.				0.05		0.27

## Boundaries of T. 3 S., R. 17 W.

Lines designated	True bearing	Dist- ances Chs.	Latitudes		Departures	
			N.	S.	E.	W.
			Chs.	Chs.	Chs.	Chs.
W.Bdy. T3S R17W	North	480.71	480.71	.....	.....	.....
N.Bdy. T3S R17W	N.89°59'E	478.52	.....42	.....	478.52	.....
E.Bdy. T3S R17W	South	481.55	.....	481.55	.....	.....
S.Bdy. T3S R17W	N.89°57'W	481.60	.....42	.....	.....	481.60
Convergency					.62	
Totals			481.53	481.55	481.48	481.60
				481.55		481.48
Error in lat. and dep.				0.00		0.12

GENERAL DESCRIPTION.

The townships included within the exterior lines of this book of notes are situated on the Great Salt Lake Desert or Basin. The land is principally a vast level alkali flat, with scattered sand hills or dunes in ranges 14 and 15 west. In ranges 16 and 17 west the land is all level and nearly destitute of vegetation. Short scattered salt brush is found on the greater portion of the lands in ranges 14 and 15 west.

The soil of all the townships is principally a damp to wet, sticky clay or sandy clay, saturated with saline mineral, except on the low, rolling sand hills or dunes where it is a dry sand mixed with some clay or a dry, loose white sand, all can be classed as 4th rate.

There are no improvements of any description or any settlers within these townships, nor were any indication of coal, oil or mineral other than of saline character noted.

A heavy saline brine lies close to the surface on the greater portion of the lands within these townships.

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**Abstract**

**FIELD ASSISTANTS.**

NAME.	CAPACITY.
Sheldon Christensen	First Chairman
LeRoy Hurd	Second Chairman
Ear Stewart	Flagman
Don Sutton	Cornetman

# CERTIFICATE OF UNITED STATES

I, Andrew Nelson, U.S. Cadastral Engineer, hereby certify that I have  
of special instructions received from the U. S. Surveyor General for Utah  
bearing date of the 11th day of April, 1925 I have well, faithfully  
in my own proper person, and in strict conformity with said instructions, the Manual of Surveying  
tions, and the laws of the United States, surveyed all those parts or portions of west and north  
boundaries of Ts. 2, 3 and 4 S., Rs. 14 and 15 W., West and north  
boundaries of Ts. 3 and 4 S., R. 16 W., west and north boundary  
of T. 4 S., R. 17 W., and west boundary of T. 1½ S., R. 15 W.  
\_\_\_\_\_ of the Salt Lake  
Base and Meridian, in the State of Utah, which are represented  
the foregoing field notes as having been executed by me, and under my direction; and that all the  
said survey have been established and perpetuated in strict accordance with the Manual of Surveying  
tions, and the special written instructions of the U. S. Surveyor General for Utah  
and in the specific manner described in the field notes, and that the foregoing are the original field  
such survey.

Certified to at  
Salt Lake City, Utah  
Jan. 23, 1929.

Andrew Nelson  
U.S. Cadastral Engineer

## APPROVAL.

U.S. Supervisor of Surveys  
OFFICE OF THE UNITED STATES SURVEYOR GENERAL

DENVER, COLORADO. **MAR 12 1929**

The foregoing field notes of the survey of west and north boundaries of Ts. 2  
and 4 S., Rs. 14 and 15 W., west and north boundaries of Ts.  
3 and 4 S., R. 16 W., west and north boundaries of T. 4 S.  
R. 17 W., and west boundary of T. 1½ S., R. 15 W.

executed by Andrew Nelson, U.S. Cadastral Engineer  
under his special instructions dated April 11, 1925, have  
critically examined, and the necessary corrections and explanations made, the said field notes, and that  
they describe, are hereby approved.

Samuel H. Simon  
Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above described surveys in  
\_\_\_\_\_ has been correctly copied from the original notes on file in this office.

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BOOK A-492

## FIELD NOTES

OF THE SURVEY OF THE

RECEIVED

AUG 15 1930  
Department Of The Interior  
Public Survey Office  
Salt Lake City, UtahWEST AND NORTH BOUNDARIES OF T<sup>PS.</sup> 1, 2, and 3 N., R. 12 W.;NORTH BOUNDARY OF T<sup>PS.</sup> 1, 2, and 3 N., R. 13 W.;WEST AND NORTH BOUNDARIES OF T<sup>PS.</sup> 1, 2, and 3 N., R. 14 W.,

and WEST BOUNDARY OF T. 4 N., R. 14 W.,

Of the Salt Lake Base and Meridian,

the State of Utah

## EXECUTED BY

Andrew Nelson, U. S. Cadastral Engineer

~~On the basis of U. S. Surveyor~~, under instructions dated April 11, 1925, 1925  
 by the United States Surveyor General to govern surveys included in  
 map No. 164, which were approved by the Commissioner of the General Land  
 Office, April 21, 1925, 1925 and Assignment Instructions dated  
 6, 1925.

Survey commenced May 21, 1925, 1925

Survey completed September 21, 1925, 1925



BOOK A-492

## INDEX DIAGRAM.

Township \_\_\_\_\_, Range \_\_\_\_\_

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

\*1\* 8808 DATE DIAGRAM GROUP NO. 164. BOOK \*1\*

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**DATE DIAGRAM**

DATE DIAGRAM

	9-21-25			T.4 N.
	9-19-25	9-18-25	9-17-25	
	9-13-25		9-16-25	T.3 N.
	9-11-25	9-10-25	9-5-25	
	8-21-25		9-4-25	T.2 N.
	8-1-25	9-2-25	8-26-25	
	8-20-25		8-25-25	T.1 N.
R.14 W.	R.13 W.	R.12 W.		

The survey of Group No. 164, Utah, commenced May 21, 1925, and executed with a Buff & Buff transit No. 9900, equipped with U shaped standards and improved Smith solar attachment and full vertical circle. The horizontal limb is provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the vernier of the latitude and declination arcs and of the vertical circle.

The instrument was approved for use on this survey by the Assistant Supervisor of Surveys for Utah, in Assignment Instructions dated May 6, 1925, conditions upon satisfactory field tests.

The country over which the lines of this survey, Group No. 164, Utah extends, with few exceptions, is level and open, lying in the Great Salt Lake Desert or Basin and all azimuth determinations are accomplished by deflection angles, from meridians determined by observations upon Polaris; all lines are projected by double fore and back sights.

From recent tests while engaged on surveys under this Group, I know the instrument to be in good adjustment. Begin at the standard cor. of township 1 north, ranges 12 and 13 west on the Salt Lake Base Line, which is a fir post, 4 ins. square, as established by me under this Group, and described in book "E".

August 24, 1925, at the above tp. cor., in approximate latitude  $40^{\circ}46'04''$  N., longitude  $113^{\circ}16'$  W., at 10h 00.4m p.m., by my watch which is 10 sec. fast of standard 105th meridian time and is 33.2 minutes fast of local mean time, I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, reading the deflection angle from a lath driven firmly in the ground, about 35 chs. E., north to Polaris. Azimuth of Polaris at eastern elongation =  $1^{\circ}27.2'$ .

Mean deflection angle =  $88^{\circ} 32.5'$   
 True bearing of lath =  $N.89^{\circ}59.7'E.$

# MEASUREMENTS:

All measurements are made with a Lallie steel ribbon tape 8 chains in length compared with a Lufkin standard steel tape 1 chain long and found correct. The measurements are made on the slope, the vertical angle determined by clinometers, and the slope measurement properly reduced to true horizontal distances.

The greater portion of the country over which the lines of this survey pass lies on the Great Salt Lake Desert or Basin. The soil in the basin is of saline character which makes the use of the regulation iron posts impracticable, therefore dressed fir posts, 3 ft. long, 4 ins. square with gabled or wedged shaped tops, saturated with linseed oil, were used in lieu thereof. The markings on the wood posts are cut in with scribes and deepened with chisels. Deposits of glass were used in conjunction with the wood posts.

## WEST BOUNDARY OF T. 1 N., R. 12 W.

Thence from the standard cor. of T. 1 N., Rs. 12 and 13 W.

North, bet. secs. 31 and 36, along W. bdy. of T. 1 N., R. 12 W.

Over alkali. clay flat with very scattered salt brush and small sandy hummocks.

13.80 S. edge of low sandy ridge, 20 ft. high, bears W. and NE.

18.00 N. edge of ridge, bears  $N.70^{\circ}W.$  and SE.; ridge extends northwesterly; continue over flat, no hummocks.

Chains	
40.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 36 on W., and S 31 on E. face. Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor. Deposit a quart of glass at base of post.
56.20	S. base of low sandy ridge, bears SE., and NW. for 3 ch
65.00	N. edge of same, bears NE. and SW.
80.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 25, 30, 31 and 36, mark T1NS30 on NE., R12WS31 on SE., S36 on SW., and R13WS25 on NW. face, with 1 notch on S. and 5 notches on N. edge. Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit quart of glass around base of post Land, level flat with few, low, sandy ridges, 10 to 20 ft. high. Soil, wet, sticky, dark clay, saturated with mineral; loose sand on the ridges. Undergrowth, scattered salt brush.
	North, bet. secs. 25 and 30. Over level alkali flat, through very scattered salt brus
40.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 25 on W., and S 30 on E. face. Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit quart of glass around base of post
80.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 19, 24, 25 and 30, mark T1NS19 on NE., R12WS30 on SE., S25 on SW., and R13WS24 on NW. face, with 2 notches on S. and 4 notches on N. edge.

WEST BOUNDARY OF S. 13 AND S. 12 N.  
Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit quart of glass around base of post.  
Land, level alkali-clay flat.  
Soil, heavy, sticky, moist clay.  
Undergrowth, scattered salt brush, about 6 ins. tall.

North, bet. secs. 19 and 24.  
Over level flat, through scattered salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for ¼ sec. cor., marked  
‡ S 24 on W., and  
S 19 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
W. of cor. Deposit quart of glass around base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the  
ground for cor. of secs. 13, 18, 19 and 24, marked  
T1NS18 on NE.,  
R12WS19 on SE.,  
S24 on SW., and  
R13WS13 on NW. face, with 3 notches  
on N. and S. edges.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit quart of glass around base of post.  
Land, level alkali-clay flat.  
Soil, heavy, brown, moist, sticky clay.  
Undergrowth, scattered salt brush.

A large sand ridge bears W. of this cor. about ½ mile  
distant.

North, bet. secs. 13 and 18.

Over level flat, through scattered salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for ¼ sec. cor., marked

Chains		and
	<p>1/4 S 13 on W., and S 18 on E. face.</p> <p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high W. of cor. Deposit quart of glass around base of post.</p>	
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 7, 12, 13 and 18, marked</p> <p>T1NS7 on NE., R12WS18 on SE., S13 on SW., and R13WS12 on NW. face, with 4 notches on S. and 2 notches on N. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit quart of glass around base of post.</p> <p>Land, level alkali-clay flat. Soil, heavy, dark, moist, sticky clay. Undergrowth, scattered salt brush.</p>	
	<p>North, bet. secs. 7 and 12.</p> <p>Over nearly level land, through scattered salt brush.</p>	
4 0.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for 1/4 sec. cor., marked</p> <p>1/4 S 12 on W., and S 7 on E. face.</p> <p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of cor. Deposit quart of glass around base of post.</p>	
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 1, 6, 7 and 12, marked</p> <p>T1NS6 on NE., R12WS7 on SE., S12 on SW., and R13WS1 on NW. face, with 5 notches on S. and 1 notch on N. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit quart of glass at base of post.</p> <p>Land, level alkali-clay flat, surface broken by small, scattered hummocks.</p>	

Chains

Soil, heavy, moist, sticky clay.

Undergrowth, scattered salt brush.

North bet. secs. 1 and 6,

Over level alkali flat, through scattered brush.

40.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  S. 1 on W., and S. 6 on E. face,

Dig pits, 18x18x12 ins. N. and S. of post, 3 ft. dist. and raise a mound of earth,  $3\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Deposit quart of glass around base of post.

80.00

Point from which peak in Newfoundland Mountain bears N. 14° 10' W.

85.15

Northing of the E. Bdy. of T. 1 N., R. 12 W.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for Cor. of Ts. 1 & 2 N., Rs. 12 & 13 W. marked

T 2 N. S. 31 on NE.,  
R 12 W S 6 on SE.,  
T 1 N S 1 on SW., and  
R 13 W S 36 on NW. face,

with 6 notches on N., S., E., and W. edges.

Dig pits 18x18x12 ins. on line E., W. and N., 3 ft. and S. of post 7 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, S. of Cor. Deposit quart of glass around base of post.

Land, level alkali-clay flat, surface slightly broken by small hummocks.

Soil, heavy, moist, sticky clay, saturated with mineral.  
Undergrowth, very scattered salt brush.

NORTH BOUNDARY OF T. 1 N., R. 12 W.

From the cor. of Ts. 1 and 2 N. Rs. 12 and 13 W.

East, on random line along N. bdy. of T. 1 N., R. 12 W., setting temp.  $\frac{1}{4}$  sec. and sec. cors. at intervals of 40.00 chs. and at 479.10 chs. dist., intersect N. and S. line, 70 lks. S. of the original cor. of Ts. 1 and 2 N. Rs. 11 and 12 W., which is an iron post, 3 ins. diam. extending 8 ins. above ground, firmly set, properly



NORTH BOUNDARY OF T. 1 N., R. 12 W.

Chains marked, as follows:

R12W	R11W
S36	S31
R12W	R11W
T1N	

 1913

and witnessed by distinct traces of 4 pits, and a mound of earth, S. of post.

The falling answers to a correction of  $0^{\circ} 05'$  or  $11\frac{2}{3}$  N. per mile counting from the NW. cor. of the Tp.

Thence from the cor. of Ts. 1 and 2 N. Rs. 11 and 12 S.  $89^{\circ} 55' W.$  on true line bet. secs. 1 and 36

Over nearly level desert land, through short undergrowth of shadscale.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for  $\frac{1}{4}$  sec. cor. with brass cap marked

S36
S31

 1925

Dig pits, 18x18x12 ins. E. and W. of post, 3 ft. dist. and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor. Deposit quart of glass around base of post

76.00 Leave nearly level; enter mountainous land, bears N.  $30^{\circ}$  E. and S.  $30^{\circ}$  W., Ascend E. Slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 26 ins. in the ground for cor. of secs. 1, 2, 35 and 36, with brass cap marked

T2N	R12W
S35	S36
S2	S1
T1N	

 1925

Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor. also deposit a limestone, 20x8x8 ins. marked with 1 groove on E. and 5 grooves on W. face, alongside post.

Land, nearly level desert on E. 76 chs. and mountainous on W. 4 chs.

Soil, dry, hard-packed clay and sandy clay on level portions; rocky on mountainous portion; 2nd and 4th rates.

Undergrowth, medium dense, short shadscale.

S. 89°55' W., bet. secs. 2 and 35.

Over mountainous land, through scattered, short undergrowth; asc. steep, rocky E. slope, 320 ft.

32.00 Top of ridge of low, rocky desert mountain, bears S. 40°W., and N.40°E. for about  $\frac{1}{2}$  mile distant to end; descend steep, rocky W. slope.

40.00 On steep, rocky W. slope, 100 ft. below ridge, Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$	<u>S35</u>
	S2
	1925

Raise a mound of stone, 2 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

46.00 Base of mountainous land, 330 ft. below ridge, bears NE. and SW.; thence over desert land with slight W. slope.

64.00 Base of slight W. slope, thence over nearly level land, bears NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in the ground for cor. of secs. 2, 3, 34 and 35, with brass cap marked

T2N	R12W
S34	S35
S3	S2
T1N	
1925	

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit quart of glass around base of post. Land, mountainous with general E. and W. slopes on E. portion; nearly level desert on W. portion.

# Chains

Soil, rocky of limestone formation on the mountainous level no yalo ybasa and yalo baxoq-brad, yib .fins portion; dry, hard-packed clay on the desert land; 2nd to 4th rates.

Undergrowth, medium growth of shadscale and few grasses. woods.

S. 89°55' W., bet. secs. 3 and 34.

Over nearly level desert land, through medium undergrowth

7.00 Limestone reef, from 10 to 15 ft. high, bears NE. 1 ch. to end, and extends SW. about  $\frac{1}{4}$  mile to S. end.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

S34

S 3

1925

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high.

N. of cor. Deposit quart of glass around base of post

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in the ground for cor. of secs. 3, 4, 33 and 34, with brass cap marked

T2N12W

S33 | S34

S4 | S3

T1N

1925

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist., and

raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Deposit glass around base of post.

Land, nearly level desert.

Soil, dry, hard-packed clay; 2nd rate.

Undergrowth, medium shadscale and match brush.

S. 89°55' W., bet. secs. 4 and 33

Over nearly level desert through medium undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

S33 ✓

S4

1925

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.,  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
N. of cor. Deposit quart of glass around base of post.  
65.00 A small rocky knoll, bears N. of line about 4 chs. dist.  
80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in  
the ground for cor. of secs. 4, 5, 32 and 33, with  
brass cap marked

T2N R12W

S32 S33

S5 S4

T1N

1925

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit quart of glass around base of post.  
Land, nearly level desert.  
Soil, dry, hard-packed clay; 2nd rate.  
Undergrowth, medium shadscale.

S. 89°55' W., bet. secs. 5 and 32.

Over nearly level desert through medium shadscale under-  
growth.

13.00 Leave level desert with dry soil, enter rolling sand  
ridges and rises with small clay flats, lying along  
the E. edge of the Great Salt Lake Desert or Basin,  
bears NE. and S.20°E.

37.00 Enter level alkali-clay flat of the Basin, with wet clay  
soil, bears N. and S.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for ¼ sec. cor., marked

¼ S 32 on N., and  
S 5 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.,  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
N. of cor. Deposit quart of glass around base of post.

Land, level alkali-clay flat, with low sandy mounds and  
ridges on E. portion of mile. On a water hole.  
Soil, wet, sticky clay saturated with saline mineral, a

loose sand, 4th rate.

Undergrowth, scattered salt brush.

# WEST BOUNDARY OF T. 2 N., R. 12 W.

From the cor. of Ts. 1 and 2 N., Rs. 12 and 13 W.

North, bet. secs. 31 and 36, along W. bdy. of T. 2 N.,  
R. 12 W.

Over level alkali-clay flat, through scattered salt brush  
and few hummocks.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 36 on W., and  
S 31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor. Deposit quart of glass around base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 25, 30, 31 and 36, marked

T2NS30 on NE.,  
R12WS31 on SE.,  
S36 on SW., and  
R13WS25 on NW. face, with 1 notch on  
S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit quart of glass around base of post.

Land, level alkali-clay flat, surface broken by few,  
small hummocks.

Soil, heavy, dark, moist, sticky clay.

Undergrowth, scattered salt brush.

North, bet. secs. 25 and 30;

Over level alkali-clay flat, through scattered salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 25 on W., and  
S 30 on E. face.

Chains

- Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,  
and raise a mound of earth, 3½ ft. base, 1½ ft. high.  
W. of cor. Deposit quart of glass around base of post.
- 80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 19, 24, 25 and 30, marked  
T2NS19 on NE.,  
R12WS30 on SE.,  
S25 on SW. and  
R13WS24 on NW. face, with 2 notches on  
S. and 4 notches on N. edge.
- Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit quart of glass around base of post.
- Land, level alkali-clay flat, surface broken by few,  
small sandy hummocks.  
Soil, heavy, dark, moist, sticky clay, mixed with some  
sand.  
Undergrowth, scattered salt brush.
- 
- North, bet. secs. 19 and 24.  
Over level flat, through scattered hummocks and salt brush.
- 19.00 S. end of low sand ridge extending northerly, bears W.  
of line about 12 chs. dist.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for ¼ sec. cor., marked  
¼ S 24 on W., and  
S 19 on E. face.
- Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
W. of cor. Deposit quart of glass around base of post.
- 43.00 Leave brush and hummocks, bears NE. and W.
- 47.00 Small sandy knoll, bears E. of line about 5 chs. dist.
- 59.00 N. end of a sandy ridge, bears W. of line about 10 chs.  
dist.
- 63.50 E. edge of low sandy knoll extending E. and W. about  
5 chs. dist.; thence over knoll.
- 70.30 N. edge of same, bears SW. and E.

39.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 13, 18, 19 and 24, marked  
T2NS18 on NE.,  
R12WS19 on SE.,  
S24 on SW., and  
R13WS13 on NW. face, with 3 notches on E. and S. edges.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, E. of cor. Deposit quart of glass around base of post.

Land, level alkali-clay flat, broken by few, small hummocks and sandy knolls.

Soil, heavy, dark, moist clay, and sandy clay and sand.

Undergrowth, scattered salt brush on portions of mile.

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North, bet. secs. 13 and 18.

Over level flat, surface broken by few, small hummocks, through very scattered salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for ¼ sec. cor., marked  
¼ S 13 on W., and  
S 18 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor. Deposit quart of glass around base of post.

43.00 Small sandy knoll, bears W. of line about 10 chs. dist.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 7, 12, 13 and 18, marked  
T2NS7 on NE.,  
R12WS18 on SE.,  
S13 on SW., and  
R13WS12 on NW. face, with 4 notches on S. and 2 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit quart of glass around base of post.

Land, level alkali-clay flat, surface slightly broken by small sandy hummocks.

Soil, heavy, dark, moist clay, mixed with some sand.

Undergrowth, very scattered salt brush.



Chains	
	North, bet. secs. 7 and 12. Over level flat through scattered salt brush.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 18 on W., and S 7 on E. face. Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor. Deposit quart of glass around base of post.
80.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 1, 5, 7 and 12, marked T2NS6 on NE., R12WS7 on SE., S12 on SW., and R13WS1 on NW. face, with 5 notches on S. and 1 notch on N. edge. Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit quart of glass around base of post. Land, level alkali-clay flat. Soil, heavy, dark, moist, sticky clay. Undergrowth, scattered salt brush.
	North, bet. secs. 1 and 6. Over level flat, through very scattered salt brush.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 1 on W. and S 6 on E. face. Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor. Deposit quart of glass around base of post.
74.00	W. base of low sandy knoll extends easterly about 10 chainsence along W. base.
80.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for corner of townships 2 and 3 north, ranges 12 and 13 west, marked

12531 on NE.,  
 12536 on SE.,  
 12531 on SW., and  
 12536 on NW. face, with 6 notches on  
 N., S., E. and W. edges.

Dig pits, 18x18x12 ins., on line, E., W. and N. 3 ft.,  
 and S. of post, 7 ft. dist.; and raise a mound of  
 earth, 4 ft. base, 2 ft. high, S. of cor. Deposit  
 quart of glass around base of post.

Cor. stands at NW. base of low sandy knoll.

Soil, heavy, light colored, wet, sticky clay, saturated  
 with saline mineral, and some sand.

Land, level alkali-clay flat.

Undergrowth, very scattered salt brush.

# NORTH BOUNDARY OF T. 2 N., R. 12 W.

From the cor. of Ts. 2 and 3 N., Rs. 12 and 13 W.

N. 89°55' E., on random line along the N. bdy. of T.  
 2 N., R. 12 W., setting temp.  $\frac{1}{4}$  sec. and sec. cors.  
 at intervals of 40.00 chs., and at 478.62 chs. dist.,  
 intersect N. and S. line, 42 lks. S. of the original  
 cor. of Ts. 2 and 3 N., Rs. 11 and 12 W., which is  
 an iron post, 3 ins. in diam., extending 10 ins.  
 above ground, firmly set, properly marked, and wit-  
 nessed by 4 pits and a mound of earth as described  
 in official records of the survey of T. 2 N., R. 11 W.;  
 the falling answers to a correction of 0°03' or 7 lks.  
 N. per mile counting from the NW. cor. of tp.; thence  
 S. 89°52' W., bet. secs. 1 and 36 on true line along  
 N. bdy. T. 2 N., R. 12 W.

Over nearly level desert land, through dense, short  
 shadscale undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

836

836

836

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836

# NORTH BOUNDARY OF T. 10N. R. 12W.

Chains							
	Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high N. of cor. Deposit quart of glass around base of post						
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for cor. of secs. 1, 2, 35 and 36, with brass cap marked <div style="text-align: center;"><table><tr><td>T3N</td><td>R12W</td></tr><tr><td>S35</td><td>S36</td></tr><tr><td>S2</td><td>S1</td></tr></table><p>T2N 1925</p></div>	T3N	R12W	S35	S36	S2	S1
T3N	R12W						
S35	S36						
S2	S1						
	Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit quart of glass around base of post From this cor.; the SW. base of low desert mountain, bears S.3°E., approximately 3½ miles dist. Land, nearly level desert. Soil, hard, dry clay, on hard-pan subsoil, 2nd rate. Undergrowth, dense, short shadscale.						
	S. 89°52' W., bet. secs. 2 and 35. Over nearly level desert land, through dense shadscale.						
24.00	Enter greasewood undergrowth, bears N. and S.						
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor., with brass cap marked <div style="text-align: center;"><table><tr><td>S 35</td></tr><tr><td>¼ S 2</td></tr></table><p>1925</p></div>	S 35	¼ S 2				
S 35							
¼ S 2							
	Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor. Deposit quart of glass around base of post.						
50.00	Leave greasewood undergrowth, continue through dense shadscale, bears N. and S.						
80.00	Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in the ground for cor. of secs. 2, 3, 34 and 35, with brass cap marked <div style="text-align: center;"><table><tr><td>T3N</td><td>R12W</td></tr><tr><td>S34</td><td>S35</td></tr><tr><td>S3</td><td>S2</td></tr></table><p>1925</p></div>	T3N	R12W	S34	S35	S3	S2
T3N	R12W						
S34	S35						
S3	S2						

21310

2000 to 2100 ft. 18x18x12 ins. in each sec. 5 ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
V. of cor. Deposit quart of glass around base of post.  
From this cor.: the SW. base of low desert mountain,  
noted at sec. cor. 1 mile E., bears S. 18° E., about  
3 3/4 miles dist.  
Land, nearly level desert.  
Soil, dry, hard-packed clay; 2nd rate.  
Undergrowth, dense shadscale and greasewood.

S. 89°52' W., bet. secs. 3 and 34.

Over nearly level desert land through dense shadscale  
undergrowth.

28.70 Leave nearly level desert land with dry clay soil, enter  
low, rolling sandy ridges or hills extending along  
the E. edge of the Great Salt Lake Desert or Basin,  
bears N. and S.

32.60 Enter barren clay flat with wet, sticky soil, bears N.  
and S.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for 1/4 sec. cor., marked

1/4 S 34 on N. and  
S 3 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.,  
and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,  
N. of cor. Deposit quart of glass at base of post.

Brine encountered 18 ins. beneath the surface.

40.20 Enter sandy hills with scattered brush, bears N. and S.

72.20 Enter barren clay flat with wet soil, bears N. and S.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 3, 4, 33, and 34, marked

1/4 S 34 on NE.  
S 3 on SE.,

1/4 S 34 on SW. and  
1/4 S 33 on NW. face, with 3 notches

on E. and W. sides.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.,

and raise a mound of earth, 4 ft. base, 1 1/2 ft. high,

Chains

- W. of Sec. 33. Deposit quart of glass at base of post, 3 ft. dist. E. 28.70 chs. of mile is nearly level desert land with dry, hard-packed, fine clay, 2nd rate, covered with a dense undergrowth of shadscale. Remainder of mile is low, rolling sandy ridges of hills with loose sand, mixed with some clay and covered with a medium undergrowth of greasewood, shadscale and salt brush, and clay flats or basins, void of vegetation; with wet, sticky clay, saturated with saline mineral, and lying on the Great Salt Lake Desert or Basin.
- S. 89°52' W., bet. secs. 4 and 33. Over level alkali-clay flat, void of vegetation.
- 12.70 Leave flat, enter low, rolling sandy rises or hills, covered with a scattered undergrowth of greasewood and salt brush.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  S 33 on N., and S 4 on S. face. Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Deposit quart of glass at base of post.
- 42.00 Leave sandy rises, enter wet clay flat, with few salt brush, bears N. and S. 10° W.
- 80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 4, 5, 32, and 33, marked T3NS33 on NE., S4 on SE., T2NS55 on SW., and R12WS32 on NW. face, with 4 notches on E. and 2 notches on W. edges.
- Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit quart of glass at base of post. Land, level alkali-clay flat and low, rolling sandy clay rises or hills. Soil, wet, sticky clay saturated with mineral, and loose

Soil sand, mixed with some clay.

Undergrowth, scattered salt brush, few greasewoods and  
match brush.

S. 89°52' W., bet. secs. 5 and 32.

Over level alkali-clay flat, through few salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 32 on N., and  
S 5 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.,  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor. Deposit quart of glass around base of post.

72.80 E. base of low, sandy clay knoll, extending N. about  
8 chs., and S. about 3 chs. dist.

78.00 W. base of same, bears N. and S.; continue over flat.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 5, 6, 31, and 32, marked

T3NS32 on NE.,  
S5 on SE.,  
T2NS6 on SW., and  
R12WS31 on NW. face, with 5 notches  
on E. and 1 notch on W. edges.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit quart of glass at base of post.

Land, level alkali-clay flat, with a sandy knoll near  
W. end of mile.

Soil, heavy, wet, sticky clay.

Undergrowth, very scattered salt brush.

S. 89°52' W., bet. secs. 6 and 31.

Over clay flat with few scattered sandy knolls, through  
very scattered salt brush.

9.70 E. edge of low sandy knoll or ridge, bears N. and S.; thence  
across knoll extending N. about 5 chs. and S. about  
10 chs. dist. to end.

# NORTH BOUNDARY OF T. 3 N. R. 12 W.

Chains	
18.70	W. edge of same, bears N. and S.; thence over flat,
25.40	E. edge of sandy knoll, bears S. about 15 chs., and N. $\frac{1}{4}$ ch. to end; thence over knoll:
28.90	W. edge of same, bears N. and S.; thence over flat.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 31 on N., and S 6 on S. face.
	Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Deposit quart of glass around base of post
71.00	Line crosses N. edge of low sandy knoll which extends S. about 6 chs.; thence along N. edge.
78.62	The cor. of Ts. 2 and 3 N., Rs. 12 and 13 W. Land, level alkali-clay flat with few scattered sandy knolls, 5 to 20 ft. high. Soil, wet, heavy, sticky clay saturated with saline mineral on the flat; loose to medium firm sandy clay on the knolls. Undergrowth, scattered salt brush.

## WEST BOUNDARY OF T. 3 N., R. 12 W.

	From the cor. of Ts. 2 and 3 N., Rs. 12 and 13 W. North, bet. secs. 31 and 36, along W. bdy. of T. 3 N., R. 12 W. Over level alkali-clay flat, surface broken by small hummocks about 1 ft. high, through scattered salt brush.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 36 on W., and S 31 on E. face.
	Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Deposit quart of glass around base of post.
80.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for cor. of secs. 25, 30, 31, and 36, marked

T3NS30 on NE.,

R12WS31 on SE.,

S36 on SW., and

R13WS25 on NW. face, with 1 notch on S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.,

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit quart of glass around base of post.

Land, level alkali-clay flat, surface broken by small

hummocks covered with a scattered growth of salt brush.

Soil, heavy, wet, sticky, light colored clay.

Undergrowth, salt brush.

North, bet. secs. 25 and 30.

Over level flat, through small hummocks and scattered salt brush.

8.00 Leave all hummocks, and enter less brush, bears E. and W.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for ¼ sec. cor., marked

¼ S 25 on W., and  
S 30 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,

and raise a mound of earth, 3½ ft. base, 1½ ft. high,

W. of cor. Deposit quart of glass around base of post.

56.00 Enter heavier brush, bears E. and W.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for cor. of secs. 19, 24, 25, and 30, marked

T3NS19 on NE.,

R12WS30 on SE.,

S25 on SW., and

R13WS24 on NW. face, with 2 notches on S. and 4 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.,

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit quart of glass around base of post.

Land, level alkali-clay flat, surface broken by small

hummocks on S. portion.

Soil, heavy, wet, sticky, light colored clay.

Undergrowth, scattered growth of small salt brush.



Chains

and

North, bet. secs. 19 and 24.

Over level flat, through very scattered salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 24 on W., and  
S 19 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high.

W. of cor. Deposit quart of glass around base of post

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 13, 18, 19, and 24, marked

T3NS18 on NE.,  
R12WS19 on SE.,  
S24 on SW., and  
R13WS13 on NW. face, with 3 notches  
on N. and S. edges.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit quart of glass around base of post

Land, level alkali-clay flat.

Soil, heavy, wet, sticky, light colored clay.

Undergrowth, very scattered salt brush.

From this cor.; the S. base of Newfoundland Mountain,  
bears N.89° W., about 5 $\frac{1}{2}$  miles dist.

North, bet. secs. 13 and 18.

Over level flat, through few scattered salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 13 on W., and  
S 18 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high.

W. of cor. Deposit quart of glass around base of post

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 7, 12, 13, and 18, marked

T3NS7 on NE.,  
R12WS18 on SE.,  
S13 on SW., and  
R13WS12 on NW. face, with 4 notches on

WEST BOUNDARY OF T. 36 N. R. 12 W.

S. and 2 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.,

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit quart of glass around base of post;

also set a large black volcanic stone alongside post.

Land, level alkali-clay flat.

Soil, heavy, wet, sticky, light colored clay.

Undergrowth, few scattered salt brush.

North, bet. secs. 7 and 12.

Over level clay flat, through few salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for ¼ sec. cor., marked

¼ S 12 on W., and  
S 7 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,

and raise a mound of earth, 3½ ft. base, 1½ ft. high,

W. of cor. Deposit quart of glass around base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 1, 6, 7, and 12, marked

T3NS6 on NE.,  
R12WS7 on SE.,  
S12 on SW., and  
R13WS1 on NW. face, with 5 notches on  
S. and 1 notch on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.,

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit quart of glass around base of post.

Land, level alkali-clay flat.

Soil, heavy, wet, sticky, white seamed clay.

Undergrowth, few scattered salt brush.

North, bet. secs. 1 and 6.

Over level flat, through few scattered salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for ¼ sec. cor., marked

¼ S 1 on W., and  
S 6 on E. face.

# WEST BOUNDARY OF T. 3 N., R. 12 W.

Chains

80.00

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high

W. of cor. Deposit quart of glass around base of post

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for corner of townships 3 and 4 north, ranges 12 and 13 west, marked

T4NS31 on NE.,

R12WS6 on SE.,

T3NS1 on SW., and

R13WS36 on NW. face, with 6 notches on N., S., E., and W. edges.

Dig pits, 18x18x12 ins., on line, N., E. and W., 3 ft.,

and S. of post, 7 ft. dist.; and raise a mound of

earth, 4 ft. base, 2 ft. high, S. of cor. Deposit

a quart of glass around base of post; also set a

volcanic stone, 14x8x6 ins., alongside post.

Sharp peak in Newfoundland Mountain, bears N.27°58'W.

S. end of Newfoundland Mt., bears S.61°W.

High point in Terrace Range, bears N.9°26'E.

Land, level alkali-clay flat on the Great Salt Lake

Desert or Basin.

Soil, heavy, white, sticky, wet clay, saturated with saline mineral.

Undergrowth, few scattered salt brush, 6 to 12 ins. high

## NORTH BOUNDARY OF T. 3 N., R. 12 W.

From cor. of Ts. 3 and 4 N., Rs. 12 and 13 W.

N. 89°52' E., on random line along N. bdy. of T. 3 N.,

R. 12 W., setting temp. ¼ sec. and sec. cors. at

intervals of 40.00 chs., and at 478.35 chs. dist.,

intersect N. and S. line, 24 lks. S. of the original

cor. of Ts. 3 and 4 N., Rs. 11 and 12 W., which is

an iron post, 3 ins. in dia., extending 12 ins. above

the ground, firmly set, properly marked and witnessed

as described in official records of T. 3 N., R. 11 W.

the falling answers to a correction of 0°02' or 4 lks

## NORTH BOUNDARY OF T. 3 N., R. 12 W.

chains

x000

+100

N. per mile, counting from the NW. cor. of the Tp.;  
Thence from the cor. of Ts. 3 and 4 N., Rs. 11 and 12 S.  
89° 50' W., bet. secs. 1 and 36, on true line along N.  
bdy. of T. 3 N., R. 12 W.

Over nearly level desert land, with dry, hard-packed  
sandy clay, through medium dense shadscale undergrowth.

40.00

In slight depression,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor. marked

$\frac{1}{4}$  S. 36 on N. and S 1 on S. face.

Dig pits, 18x18x12 ins. E. and W. of post, 3 ft. dist.,  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

N. of cor. Deposit quart of glass around base of post.

52.00

Leave dry desert land, enter level alkali-clay flat on  
the Great Salt Lake Desert or Basin, with wet, sticky  
clay soil and scattered salt brush, bears NW. and S. 35° W.

80.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the  
ground for cor. of secs. 1, 2, 35 and 36, marked

T4N S36 on NE.

S 1 on SE;

T3N S2 on SW., and

R12W S35 on NW. face,

with 1 notch on E. and 5 notches on W. edge.

Dig pits, 18x18x12 ins. in each sec.,  $5\frac{1}{2}$  ft. dist., and  
raise a mound of earth, 4 ft. base, 2 ft. high W. of  
cor. Deposit quart of glass around base of post.

E. 52 chs. of mile is nearly level desert, with dry,  
hard-packed sandy clay soil; 3rd rate, and covered  
with a medium dense growth of short shadscale; remain-  
der of mile is nearly level alkali-clay flat, surface  
of which is broken by small sandy hummocks about 1 ft.  
high, soil is a heavy, wet, sticky sandy clay. saturated  
with saline mineral; 4th rate, and covered with a  
scattered growth of salt brush.

NORTH BOUNDARY OF T. 3 N., R. 12 W.

Chains	S. 89° 50' W., bet. secs. 2 and 35. Over alkali-clay flat, surface broken by hummocks and few scattered sandy knolls, through scattered salt brush.
20.00	S. edge of sandy knoll which extends N. 2 chs. dist.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S. 35 on N., and S. 2 on S. face.
	Dig pits, 18x18x12 ins. E. and W. of post, 3 ft. dist. and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit quart of glass around base of post.
56.00	Intersect the S. edge of low sandy knoll, extending N. 8 chs. dist.
77.00	Intersect S. edge of sandy knoll, extending N. about 6 chs. dist.
80.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 2, 3, 34 and 35, marked T4N S35 on NE: S2 on SE T3N S3 on SW., and R12W S34 on NW. face, with 2 notches on E. and 4 notches on W. edge. Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor. Deposit quart of glass around base of post. Land, nearly level alkali-clay flat, surface broken by small hummocks, and scattered sandy-clay knolls, 5 to 15 ft. high. Soil, wet, sticky clay and sandy clay. Undergrowth, scattered salt brush
	S. 89° 50' W. bet. secs. 3 and 34. Over nearly level clay flat with scattered, low sandy-clay knolls and hummocks, through salt brush.
24.00	E. edge of sandy knoll, extends N. 5 chs. and S. 3 chs. to end.
33.20	W. edge of same bears N. and S.; Continue over flat.
40.00	Set a fir post, 3 ft. long, 4 ins. square 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked

filled with 8.3 on 8. face.

58.00 Enter low sandy-clay rises and rolling hills, inter-

dispersed with small wet, clay basins, bears N. and S.

80.00 On S. exposure of low sandy-clay hill,

T4NS34 on NE.,  
S3 on SE.,  
T3NS4 on SW., and  
R12WS33 on NW face, with 3 notches on  
E. and W. edges.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.,

land, nearly level alkali-clay flat, broken by scattered sandy knolls, 5 to 15 ft. high, and low, rolling sandy-clay rises or hills, 2 to 25 ft. high.

Soil, wet, sticky clay and sandy-clay on the flat, and  
firm, dry, mixed sandy-clay on rises.

Undergrowth, scattered salt brush.

S. 89°50' W., bet. secs. 4 and 33.

Over, low, rolling sandy rises or hills, through scattered salt brush.

38.80 Enter narrow strip of wet, clay flat, extends S. about  
8 chs. dist. to S. end, and bears N.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked

1/4 S 33 on N., and  
S 4 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.,  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
N. of cor.. Deposit a quart of glass around base of

... post ...

44-38861-1014 ADVISE TO LONDON & CLEVELAND

Chains

- 44.00 Leave wet clay basin, scattered low sandy rises or hills. Bears E. and S. one 1/2 mi. and S. 81x81, 26 in. in
- 79.00 Leave sandy rises, enter wet clay flat, bears E. and S. 10° E. to trap ledge. 26 in. in
- 80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 in. in the ground for cor. of secs. 4, 5, 32, and 33, marked T4NS33 on NE., just west to entrance of no 09.00 S4 on SE., T3NS5 on SW., and S. 1/2 mi. and S. 81x81, 26 in. in R12WS32 on NW. face, with 4 notches on E. and 2 notches on W. edge, and
- Dig pits, 18x18x12 ins., in each sec., 1 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit quart of glass around base of post
- Land, low, rolling sandy-clay rises or hills, interspersed with alkali basins. Soil, dry, firm sandy clay and loose sand on rises, and wet, sticky clay, saturated with saline mineral on the flats. Undergrowth, scattered salt brush.
- S. 89°50' W., bet. secs. 5 and 32. Over nearly level alkali-clay flat, surface broken by small sandy hummocks, through scattered salt brush.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 in. in the ground for 1/4 sec. cor., marked W. of
- 1/4 S 32 on N., and S 5 on S. face.
- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor. Deposit quart of glass around base of post
- 80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 in. in the ground for cor. of secs. 5, 6, 31, and 32, marked T4NS33 on NE., and S. 81x81, 26 in. in S5 on SE., T3NS6 on SW., and S. 1/2 mi. and S. 81x81, 26 in. in R12WS31 on NW. face, with 5 notches on E. and 2 notches on W. edge, and
- Dig pits, 18x18x12 ins., in each sec., 5 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

Land, level alkali-clay flat, surface broken by small, scattered sandy hummocks about 1 ft. high.

Soil, heavy, wet, sticky clay, and sandy clay.

Undergrowth, very scattered salt brush.

S. 89°50' W., bet. secs. 6 and 31.

Over level flat, through few scattered salt brush.

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 31 on N., and  
S 6 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.,  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

N. of cor. Deposit quart of glass around base of post.

The cor. of Ts. 3 and 4 N., Rs. 12 and 13 W..

Land, level alkali-clay flat.

Soil, heavy, wet, sticky clay, saturated with mineral  
of saline character.

Undergrowth, very scattered salt brush.

# NORTH BOUNDARY OF T. 1 N., R. 13 W..

From the cor. of Ts. 1 and 2 N., Rs. 13 and 14 W., on  
the Third Guide Meridian West, which is a fir post,  
4 ins. square, as recently established by me under  
this Group, and described in book "F".

Thence,

East, on random line along N. bdy. of T. 1 N., R. 13 W.,  
setting temp.  $\frac{1}{4}$  sec. and sec. corners at intervals  
of 40.00 chs., and at 479.25 chs. dist., intersect

N. and S. line, 24 lks. S. of the cor. of Ts. 1 and  
2 N., Rs. 12 and 13 W., hereinbefore described. The

falling answers to a correction of 0°02' or 4 lks.

per mile counting from the NW. cor. of tp.



NORTH BOUNDARY OF T. 1 N. R. 13 W.

Chains

- Thence from the corner of T. 1 N. R. 13 W. and S. 89°58' W., bet. secs. 1 and 36, on true line along N. bdy. of T. 1 N., R. 13 W.
- Over nearly level alkali-clay flat, surface broken by small, scattered hummocks, through scattered salt brush.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S 36 on N., and  
S 1 on S. face.
- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high N. of cor. Deposit quart of glass around base of post.
- 50.00 Enter low, rolling sandy rises with heavier brush, bearing N. and S.
- 80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 1, 2, 35 and 36, marked  
T2NS36 on NE.,  
S1 on SE.,  
T1NS2 on SW., and  
R13WS35 on NW. face, with 1 notch on E. and 5 notches on W. edge.
- Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit quart of glass around base of post.
- E. 50 chs. is nearly level alkali-clay flat, surface broken by small hummocks; soil, wet, sticky clay, saturated with mineral: W. 30 chs. is low, rolling sandy rises with large hummocks, ranging from 2 to 10 ft. above the flat; soil, mixed sandy clay. Scattered to medium growth of salt brush on mile.
- S. 89°58' W., bet. secs. 2 and 35.
- Over low sandy rises with large hummocks, interspersed with wet, clay basins, through medium growth of salt brush.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S 35 on N., and  
 $\frac{1}{4}$  S 2 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.,  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
E. of cor. Deposit quart of glass around base of post.

70.00 Leave sandy rises and hummocks, enter clay flat, bears  
N. 20° E. and SW.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 2, 3, 34 and 35, marked  
T2NS35 on NE.,  
S2 on SE.,  
T1MS3 on SW., and  
R13WS34 on NW. face, with 2 notches on  
E. and 4 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit quart of glass around base of post.

Land, low sandy rises and hummocks, 2 to 20 ft. high,  
interspersed with small clay basins, on E. 70 chs.;  
nearly level clay flat on W. 10 chs.

Soil, mixed sandy clay on rises; wet, sticky sandy clay  
on flat.

Undergrowth, scattered to medium growth of salt brush.

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S. 89° 58' W., bet. secs. 3 and 34.

Over nearly level clay flat, nearly void of vegetation.

29.00 Small sandy rise, 3 ft. high, extends N. 4 chs., and  
S. 2 chs. dist.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S 34 on N., and  
 $\frac{1}{4}$  S 3 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.,  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor. Deposit quart of glass around base of post.

50.80 Low sandy ridge, 2 chs. wide, covered with salt brush,  
extends N. 3 chs., and S. 10 chs. dist.

Chains

80.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 32, 33 and 34, marked

T2NS34 on NE.,  
S3 on SE.,  
T1NS4 on SW., and  
R13WS33 on NW. face, with 3 notches on E. and W. edges.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit quart of glass around base of post. Land, nearly level alkali-clay flat, surface slightly uneven.

Soil, heavy, wet, sticky clay and sandy clay, with scattered patches of lime or gypsum formation on surface.

No vegetation.

S. 89°58' W., bet. secs. 4 and 33.

Over level clay flat, surface slightly uneven, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 33 on N., and  
S 4 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Deposit quart of glass around base of post. Brine encountered within 2 ft. of the surface.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 4, 5, 32, and 33, marked

T2NS33 on NE.,  
S4 on SE.,  
T1NS5 on SW., and  
R13WS32 on NW. face; with 4 notches on E. and 2 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit quart of glass around base of post. Brine encountered at 1 $\frac{1}{2}$  ft. beneath the surface.

		anisho
40.00	<p>Land: level clay flat, surface slightly uneven.</p> <p>Soil: wet, sticky, white clay with streaks of lime or gypsum formation on surface.</p> <p>No vegetation.</p> <p>S. 89°55' W., bet. secs. 5 and 32.</p> <p>Over level clay flat, void of vegetation.</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., marked</p> <p><math>\frac{1}{4}</math> S 32 on N., S 5 on S. face.</p> <p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high, W. of cor. Deposit quart of glass around base of post.</p> <p>Brine 18 ins. beneath the surface.</p>	
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground for cor. of secs. 5, 6, 31, and 32, marked</p> <p>T2NS32 on NE., S5 on SE., T1NS6 on SW., and R13WS31 on NW. face; with 5 notches on E. and 1 notch on W. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5<math>\frac{1}{2}</math> ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit quart of glass around base of post.</p> <p>Brine encountered 18" beneath the surface.</p> <p>Land, level clay flat.</p> <p>Soil, heavy, wet, sticky, light colored clay.</p> <p>No vegetation.</p> <p>S. 89°58' W., bet. secs. 6 and 31.</p> <p>Over level clay flat, void of vegetation.</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked</p> <p>S 31 on N. and S 6 on S. face.</p> <p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;</p>	

Chains

79.25

under a mound of earth, 13 ft. base, 1 ft. high.  
N. of cor. Deposit a quart of glass around base of post.  
Brine 18 ins. beneath the surface.  
The cor. of Ts. 1 and 2 N., Rs. 13 and 14 W. on the  
Third Guide Meridian West, described in book "F" of  
this Group.  
Land, level clay flat on the Great Salt Lake Desert.  
Soil, wet, sticky clay, streaked with thin layers of  
lime or gypsum formation near the surface.  
No vegetation.

NORTH BOUNDARY OF T. 2 N., R. 13 W.

From the corner of townships 2 and 3 north, ranges 13  
and 14 west, established by me under this Group and  
described in book "F".  
N. 89°58' E., on random line along the north boundary  
of T. 2 N., R. 13 W., setting temp.  $\frac{1}{4}$  sec. and sec.  
cors. at intervals of 40.00 chs., and at 478.36 chs.  
dist., intersect N. and S. line, 2 lks. N. of the  
cor. of Ts. 2 and 3 N., Rs. 12 and 13 W., hereinbefore  
described on page 16; the falling answers to a  
correction of 0°00' or  $\frac{1}{3}$  of a link per mile,  
counting from the NW. cor. of township. Thence  
S. 89°58' W., on true line, bet. sec. 19 and 36, along  
N. bdy. of T. 2 N., R. 13 W.

40.00

Over level alkali-clay flat, surface broken by few  
sandy hummocks about 1 to 2 ft. high, through few,  
scattered salt brush.  
Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S 36 on N., and  
Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.,  
and raise a mound of earth, 3 ft. base, 1 ft. high,  
N. of cor. Deposit a quart of glass around base of post.

39.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 1, 2, 35, and 36, marked

T3NS36 on NE.,  
S1 on SE.,  
T2NS2 on SW., and  
R13WS35 on NW. face; with 1 notch on E. and 5 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit quart of glass around base of post.  
Land, level alkali-clay flat, surface broken by small  
hummocks, 1 to 2 ft. high.

Soil, heavy, white, sticky, wet clay.

Undergrowth, very scattered salt brush.

S. 89°58' W., bet. secs. 2 and 35.

Over level clay flat, through scattered salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for ¼ sec. cor., marked

¼ S 35 on N., and  
S 2 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
N. of cor. Deposit quart of glass around base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked

T3NS35 on NE.,  
S2 on SE.,  
T2NS3 on SW., and  
R13WS34 on NW. face; with 2 notches on E. and 4 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit quart of glass at base of post.

Land, level alkali-clay flat, with few, small hummocks  
about 1 ft. high.

Soil, heavy, wet, sticky clay.

Undergrowth, very scattered salt brush.

Chains	
	S. 89°58' W., bet. secs. 3 and 34, sec. 11 a sec. 33, 34, 35.
	Over level, clay flat, through few salt brush.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 34 on N., and S 3 on S. face.
	Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high. N. of cor. Deposit quart of glass at base of post.
45.00	Leave all vegetation bears N. and S.
80.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 3, 4, 33, and 34, marked T3NS34 on NE., S3 on SE., T2NS4 on SW., and R13WS33 on NW. face; with 3 notches on E. and W. edges.
	Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high. W. of cor. Deposit quart of glass at base of post.
	Brine encountered 20 ins. beneath the surface.
	Land, level alkali-clay flat; few widely scattered hummocks on E. portion of mile.
	Soil, heavy, white, sticky, wet clay.
	Undergrowth, few salt brush on E. 45 chs. of mile. None on W. portion.
	S. 89°58' W., bet. secs. 4 and 33.
	Over level flat, void of vegetation.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 33 on N., and S 4 on S. face.
	Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high. N. of cor. Deposit a quart of glass at base of post.
80.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 4, 5, 32, and 33, marked

200000

40000  
Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  
T3NS32 on NE.,  
S4 on SE.,  
T2NS6 on SW., and  
R13WS32 on NW. face; with 4 notches on E. and 2 notches on W. edge.

1.3410 Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit a quart of glass at base of post.

Brine encountered 20 ins. beneath the surface.

Land, level alkali-clay flat.

Soil, heavy, white, sticky, wet clay.

No vegetation.

S. 89°58' W., bet. secs. 5 and 32.

Over level flat, void of vegetation.

40000 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 32 on N., and  
S 5 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 5, 6, 31, and 32, marked

T3NS32 on NE.,  
S5 on SE.,  
T2NS6 on SW., and  
R13WS31 on NW. face; with 5 notches on E. and 1 notch on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit a quart of glass at base of post.

Brine encountered at 20 ins. beneath the surface.

Land, level alkali-clay flat.

Soil, heavy, wet, sticky clay.

No vegetation.

S. 89°58' W., bet. sec. 5 and 31.

Over level flat, void of vegetation.



Chains

40.00

Set a fir post, 3 ft. long and square, as far as the ground, for  $\frac{1}{4}$  sec. cor. on brush.  $\frac{1}{4}$  S 31 on N. and S 6 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor. Deposit a quart of glass at base of post. Brine encountered at  $1\frac{1}{2}$  ft. beneath the surface.

65.00

Enter few scattered salt brush, bears N. 20° W. and S.

78.36

The cor. of Ts. 2 and 3 N., Rs. 13 and 14 W., on the Third Guide Meridian West.

Land, level alkali-clay flat, on the Great Salt Lake Desert.

Soil, heavy, wet, sticky clay.

Undergrowth, few salt brush on W. end of mile. None on E. portion.

NORTH BOUNDARY OF T. 3 N., R. 13 W.

From the cor. of Ts. 3 and 4 N., Rs. 12 and 13 W., hereinbefore described on page 26.

S. 89°58' W., on random line along N. bdy. of T. 3 N., R. 13 W., setting temp.  $\frac{1}{4}$  sec. and sec. cors. at intervals of 40.00 chs., and at 477.40 chs. dist., intersect N. and S. line, 12 lks. S. of the cor. of Ts. 3 and 4 N., Rs. 13 and 14 W. on the Third Guide Meridian West, which is an iron post, 3 ins. dia., established by me under this Group and described in book "F". The falling answers to a correction of 0° 01' or 2 lks. N. per mile counting from the NE. cor. of tp. Thence

From the cor. of Ts. 3 and 4 N., Rs. 12 and 13 W.

S. 89°59' W., bet. secs. 1 and 36, on true line along N. bdy. of T. 3 N., R. 13 W.

Over level alkali-clay flat, through few scattered salt brush.

Chains

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 36 on N., and  
S 1 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 1, 2, 35, and 36, marked

T4NS36 on NE.,  
S1 on SE.,  
T3NS2 on SW., and  
R13WS35 on NW. face; with 1 notch on E. and 5 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post.

Land, level alkali-clay flat.

Soil, heavy, sticky, wet, white clay.

Undergrowth, few scattered salt brush.

S. 89°59' W., bet. secs. 2 and 35.

Over level flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 35 on N., and  
S 2 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of post.

42.00 Enter few scattered salt brush, bears NE. and SW.

60.00 Leave salt brush, bears nearly N. and S.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked

T4NS35 on NE.,  
S2 on SE.,  
T3NS3 on SW., and  
R13WS34 on NW. face; with 2 notches on E. and 4 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.;

# NORTH BOUNDARY OF T. 36N. R. 10E.

Chains

and raise a mound of earth, 4 ft. base, 2 ft. high, 0.

W. of cor. Deposit a quart of glass at base of post.

Land, level alkali-clay flat.

Soil, heavy, moist to wet, sticky clay.

Undergrowth, few scattered salt brush on portion of  
mile.

S. 89°59' W., bet. secs. 3 and 34.

Over level flat, void of vegetation.

15.00 Enter scattered salt brush, bears N. and S.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S. 34 on N., and  
S 3 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

N. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 3, 4, 33, and 34, marked

T4NS34 on NE.,  
S3 on SE.,  
T3NS4 on SW., and  
R13WS33 on NW. face; with 3 notches on  
E. and W. edges.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Land, level alkali-clay flat.

Soil, moist, sticky clay.

Undergrowth, scattered salt brush on portion of mile.

S. 89°59' W., bet. secs. 4 and 33.

Over level flat, through scattered salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 33 on N., and  
S 4 on S. face.

Chains

air

80.00 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
N. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground for cor. of secs. 4, 5, 32, and 33, marked

T4NS33 on NE.,  
S4 on SE.,  
T3NS5 on SW., and  
R13WS32 on NW. face; with 4 notches on  
E. and 2 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit a quart of glass at base of post.

Land, level alkali-clay flat.

Soil, damp, heavy, sticky clay.

Undergrowth, scattered salt brush.

S. 89°59' W., bet. secs. 5 and 32.

Over level clay flat, through scattered salt brush.

32.00 Leave level alkali-clay flat and damp soil, enter bench  
along E. base of Newfoundland Mountain, with dry, sandy  
clay soil and heavier undergrowth of greasewood and  
shadscale, bears nearly N. and S.

40.00 Set a limestone, 16x14x12 ins., (no iron post available)  
12 ins. in the ground, for ¼ sec. cor., marked ¼  
on N. face; dig pits, 18x18x12 ins., E. and W. of  
stone, 3 ft. dist.; and raise a mound of earth, 3½  
ft. base, 1½ ft. high, N. of cor. Deposit a quart of  
glass at base of rock.

Continue over greasewood bench with slight E. slope.

58.00 Dim wagon road, following along E. base of mountain,  
bears N. and S.

60.00 East base of Newfoundland Mountain, bears N. and S.;  
gradually asc. E. and SE. slopes, entering rocky soil.

80.00 On SE. slope, 100 ft. above flat,  
Set an iron post, 3 ft. long, 2 ins. dia., 15 ins. in  
the ground to underlying rock, and supported by a

Chains

large mound of stone, for cor. of Secs. 6, 31, 32, and 32, with brass cap marked

T43 R13 W

S31 S32

S6 S5

T3N

1925

Deposit a quart of glass at base of post.

E. 32 chs. is level alkali-clay flat on the Great Salt Lake Desert or Basin, with moist, sticky clay, saturated with saline mineral, and covered with a scattered growth of salt brush: next 28 chs. is a sandy clay bench with slight E. slope, and covered with dense greasewood and shadscale brush, lying along base of mountain: W. 20 chs. is mountainous with a gradual E. and SE. slope, with gravelly and rocky soil of limestone formation; 2nd to 4th rate.

S. 89°59' W., bet. secs. 6 and 31.

Over rough mountainous land, through scattered undergrowth asc. broken E. slope of Newfoundland Mountain, E. and SE. exposures, 520 ft. to

40.00 On a SE. slope,

Set an iron post, 3 ft. long, 1 in. diam., 320 ins. into the ground to rock, and supported by a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S31

S6

1925

Deposit glass around base of post.

Other accessories impracticable.

Ascend steep, rugged, rocky general SE. slope, 855 ft. to

77.40 The cor. of Ts. 3 and 4 N., Rs. 13 and 14 W. on Third Guide Meridian West, 1475 ft. above alkali flat.

Land, rough mountainous; general E. and SE. exposures and drainage.

Soil, rocky of limestone formation in form of ledges, outcrops and boulders, with very shallow gravelly

WEST BOUNDARY OF T. 1 N., R. 14 W.

Chains

18.00

aligned to beam whose ends are west line

and clay lean; 4th rate.

30.00

Undergrowth, scattered shadscale and greasewood.

30.00

No timber.

WEST BOUNDARY OF T. 1 N., R. 14 W.

From the standard cor. of township 1 north, ranges 14 and 14½ west on the Salt Lake Base Line, which is a fir post, 4 ins. square, established by me under this Group and described in book "E".

Thence,

North, bet. secs. 31 and 36, along W. bdy. of T. 1 N., R. 14 W. and E. bdy. of T. 1 N., R. 14½ W.

Over nearly level alkali-clay flat, surface slightly uneven, through few scattered salt brush.

40.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for ¼ sec. cor., marked

¼ S 36 on W., and  
S31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, ½ ft. high, W. of cor. Deposit a quart of glass at base of post.

45.00

A low sandy knoll bears W. of line 2 chs. dist.

62.00

Top of low sandy rise, extends NE. 2 chs., and SW. 6 chs. dist. to ends.

76.00

Low sandy rise bears E. of line 3 chs. dist.

80.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 25, 30, 31, and 36, marked

T1NS30 on NE.,  
R14WS31 on SE.,  
S36 on SW., and  
R14½WS25 on NW. face; with 1 notch  
on S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post.

Land, nearly level alkali-clay flat, surface slightly

Chains

angle

uneven; few scattered sandy rises or knolls.

Soil, wet, sticky clay saturated with mineral, except on the rises where it is a firm sandy clay or sand.

Undergrowth, scattered salt brush.

North, bet. secs. 25 and 30.

Over nearly level clay flat, surface slightly uneven, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 25 on W., and  
S 30 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Deposit a quart of glass at base of post.

68.00 E. edge of low sandy rise, extending W. about 2 chs. to end.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 19, 24, 25, and 30, marked

T1NS19 on NE.,  
R14WS30 on SE.,  
S25 on SW., and  
R14 $\frac{1}{2}$ WS24 on NW. face; with 2 notches on S. and 4 notches on N. edge.

Dig pits; 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base; 2 ft. high, W. of cor. Deposit a quart of glass at base of post.

Land, nearly level alkali-clay flat, few scattered sandy rises, 1 to 3 ft. high.

Soil, heavy, wet, sticky clay, with few streaks of thin layers of lime or gypsum formation.

No vegetation.

North, bet. secs. 19 and 24.

Over nearly level flat, surface slightly uneven, void of vegetation.

# WEST BOUNDARY OF T. 1 N. R. 10 W.

Chains	
16.00	Surface of ground becomes even and leave gypsum formation, bears NW. and E.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 24 on W., and S 19 on E. face.
	Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of post.
80.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 13, 18, 19, and 24, marked  T1NS18 on NE., R14WS19 on SE., S24 on SW., and R14 $\frac{1}{2}$ WS13 on NW. face; with 3 notches on N. and S. edges.
	Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post.
	Land, level alkali-clay flat; surface slightly uneven on S. 16 chs. of mile.
	Soil, wet, sticky clay; streaks of lime or gypsum formation on S. end of mile.
	No vegetation. Brine within 2 $\frac{1}{2}$ ft. of the surface.
	<hr/> North, bet. secs. 13 and 18. Over level land, void of vegetation.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked  $\frac{1}{4}$ S 13 on W., and S 18 on E. face.
	Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of post.
	Brine found at 2 $\frac{1}{2}$ ft. beneath the surface.
80.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in



Chains

in the ground, for cor. of secs. 7, 12, 13, and 18,  
marked

T1NS7 on NE.,  
R14WS18 on SE.,  
S12 on SW., and  
R14WS12 on NW. face; with 2 notches on  
N. and 4 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit a quart of glass at base of post.

Land, level alkali-clay flat.

Soil, heavy, wet, sticky sandy clay; thin layers of  
gypsum formation near the surface on N. ½ mile.

No vegetation.

North, bet. secs. 7 and 12.

Over-level flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for ¼ sec. cor., marked  
S 12 on W., and  
S 7 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 1, 6, 7, and 12, marked  
T1NS6 on NE.,  
R14WS7 on SE.,  
S12 on SW., and  
R14WS1 on NW. face; with 5 notches on  
S. and 1 notch on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit a quart of glass at base of post.

Land, level alkali-clay flat.

Soil, heavy, wet, sticky sandy clay, and clay.

No vegetation.

40.00 North, bet. sec. 10 and 11, T. 1 N., R. 14 W.

Over level flat, soil of vegetation and dirt

40.00 Set a fir post, 3 ft. long, 4 ins. square, 25 ins. in the ground, for sec. cor., marked

1 on W., and 6 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high,

W. of cor. Deposit a quart of glass at base of post.

Brine encountered within 2½ ft. beneath the surface.

80.00 Point from which: Peak in Newfoundland Mt., bears N.15°04'E.; Pilot Peak, bears N.69°29'W.; high point on Floating Island, bears N.62°20'W.

85.15 Northing of east boundary of tp.,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for corner of townships 1 and 2 north, ranges 14 and 14½ west, marked

T2NS31 on NE.,  
R14WS6 on SE.,  
T1NS1 on SW., and  
R14½WS36 on NW. face; with 6 notches on N., S., and E., and 1 notch on W. edge.

Dig pits, 18x18x12 ins., N., E., and W., 3 ft., and S. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor.

Deposit a quart of glass at base of post.

Land, level alkali-clay flat.

Soil, heavy, wet, sticky sandy clay, with streaks of thin layers of lime or gypsum formation near the surface.

No vegetation.

NORTH BOUNDARY OF T. 1 N., R. 14 W.

From the cor. of Ts. 1 and 2 N., Rs. 14 and 14½ W., East, on random line along N. bdy. of T. 1 N., R. 14 W., setting temp. sec. and well cor. at intervals of

# NORTH BOUNDARY OF T. 1 N. & R. 14 W.

Chains

40.00 chs., and at 479.31 chs. dist., intersect the Third Guide Meridian West, 18 lks. S. of the cor. of Ts. 1 and 2 N., Rs. 13 and 14 W., heretofore described in book "F" of this Group. The falling answers to a correction of 0°01' or 3 lks. N. per mile counting from the NW. cor. of tp.; thence S. 89°59' W., on true line bet. secs. 1 and 36, along N. bdy. of T. 1 N., R. 14 W.

Over level alkali-clay flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 36 on N., and  
S 1 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of post.

57.00 Enter low sandy rises, 2 to 3 ft. high, bears N. and S.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 1, 2, 35, and 36, marked

T2NS36 on NE.,  
S1 on SE.,  
T1NS2 on SW., and  
R14WS35 on NW. face; with 1 notch on E. and 5 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Land, level alkali-clay flat; and low sandy rises, 2 to 3 ft. high, on W. 23 chs.

Soil, heavy, wet, sticky clay and sandy clay on E. portion; medium dry, firm, sandy clay and sand on the rises.

Undergrowth, scattered salt brush and few greasewoods on the W. 23 chs. None on remainder of mile.

S. 89°59' W., bet. secs. 2 and 35.

Over low sandy rise with scattered brush.

1111

- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  S 35 on N., and  $\frac{1}{4}$  S 35 on S. face. Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of post.
- 80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked T2NS35 on NE., S2 on SE., T1NS3 on SW., and R14WS34 on NW. face; with 2 notches on E. and 4 notches on W. edge. Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post.
- Land, level alkali-clay flat, surface slightly uneven; with a low sandy rise on E. 2 chs. of the mile. Soil, heavy, wet, sticky sandy clay and clay. Undergrowth, few salt brush on E. end of mile.
- S. 89°59' W., bet. secs. 3 and 34. Over level flat, void of vegetation.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  S 34 on N., and  $\frac{1}{4}$  S 34 on S. face. Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of post.
- Line encountered at 18 ins. beneath the surface.
- 80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked T2NS34 on NE., S3 on SE., T1NS4 on SW., and R14WS34 on NW. face; with 2 notches on E. and 4 notches on W. edge. Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post.



40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 32 on N., and

S 5 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

N. of cor. Deposit a quart of glass at base of post.

Brine encountered at 18 ins. beneath the surface.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground, for cor. of secs. 5, 6, 31, and 32, marked

T2NS32 on NE.,

S5 on SE.,

T1NS6 on SW., and

R14WS31 on NW. face; with 5 notches on E. and 1 notch on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Brine stands at 18 ins. beneath the surface.

Land, level alkali-clay flat.

Soil, heavy, wet, sticky clay.

No vegetation.

S. 89°59' W., bet. secs. 6 and 31.

Over level flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 31 on N., and

S 6 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

N. of cor. Deposit a quart of glass at base of post.

Brine encountered at 18 ins. beneath the surface.

79.31 The cor. of Ts. 1 and 2 N., Rs. 14 and 14 $\frac{1}{2}$  W., heretofore described.

Land, level alkali-clay flat.

Soil, heavy, wet, sticky clay saturated with mineral.

WEST BOUNDARY OF T. 2 N., R. 14 W.

Chains

No vegetation.

WEST BOUNDARY OF T. 2 N., R. 14 W.

From the cor. of Ts. 1 and 2 N., Rs. 14 and 14½ W.

North, bet. secs. 31 and 36, along range line bet. range

14 and 14½ W., and on W. bdy. of T. 2 N., R. 14 W.

Over level alkali-clay flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for ¼ sec. cor., marked

¼ S 36 on W., and  
S 31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;

and raise a mound of earth, 3½ ft. base, 1½ ft. high,

W. of cor. Deposit a quart of glass at base of post.

Brine encountered 18 ins. beneath the surface.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 25, 30, 31, and 36, marked

T2NS30 on NE.,  
R14WS31 on SE.,  
S36 on SW., and  
R14½WS25 on NW. face; with 1 notch on  
S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Land, level alkali-clay flat.

Soil, heavy, wet, sticky clay, with scattered streaks

of thin, hard layers of lime or gypsum formation on surface.

No vegetation.

North, bet. secs. 25 and 30.

Over level flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for ¼ sec. cor., marked

Deposit S 25 on W., and  
S 30 on E. face.

40.00 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;  
and raise a mound of earth, 3½ ft. base, 1½ high,  
W. of cor. Deposit a quart of glass at base of post.  
80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 19, 24, 25, and 30,

To be marked in place when work is done.

Postings on NE. corner of sec. 19:  
R14WS30 on SE.,  
S25 on SW., and  
R14WS24 on NW. face; with 2 notches on  
S. and 4 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit a quart of glass at base of post.  
Brine encountered 16 ins. beneath the surface.  
Land, level alkali-clay flat.

Soil, heavy, wet, sticky clay, with streaks of thin  
layers of hard lime formation near the surface, on  
portions of the mile.

No vegetation.

North, bet. secs. 19 and 24.

Over level flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for ¼ sec. cor., marked

¼ S 24 on W., and  
S 19 on E. face.

40.00 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
W. of cor. Deposit a quart of glass at base of post.  
Brine encountered at about 1 ft. beneath the surface.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 13, 18, 19 and 24,

and to be marked in place when work is done.

Postings on NE. corner of sec. 13:  
R14WS19 on SE.,  
S24 on SW., and



Chains

R14WS13 on NW face, with 3 notches  
on N. and S. edges

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Brine encountered about 14 ft. beneath the surface.

Land, level alkali-clay flat.

Soil, heavy, wet, sticky sandy clay, with streaks of

thin layers of lime formation near the surface.

No vegetation.

North, bet. secs. 13 and 18.

Over level flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 13 on W., and

S 18 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 5 ft. dist.;

and raise a mound of earth, 3 ft. base, 1 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Brine encountered at about 12 ins. beneath the surface.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground, for cor. of secs. 7, 12, 13, and 18,

marked

T2NS7 on NE.,

R14WS18 on SE.,

S13 on SW., and

R14WS12 on NW. face, with 4 notches on  
S. and 2 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Brine encountered 12 ins. beneath the surface.

Land, level alkali-clay flat.

Soil, wet, sticky sandy clay, with slight salt crust

on surface, and streaks of lime formation on portions

of the mile. No vegetation.

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North, bet. secs. 7 and 12.

Over level flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 12 on W., and S 7 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

W. of cor. Deposit a quart of glass at base of post.

Brine encountered within 2 ft. of the surface.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 1, 6, 7, and 12, marked

T2N36 on NE.,

R24WS7 on SE.,

S12 on SW., and

R14WS1 on NW. face; with 5 notches on S. and 1 notch on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Brine encountered within 2 ft. of the surface.

Land, level alkali-clay flat.

Soil, wet, sticky sandy clay, with streaks of thin layers of lime formation near the surface.

No vegetation.

North, bet. secs. 1 and 6.

Over level flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 1 on W., and

S 6 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for corner of townships 2 and 3 north,

ranges 14 and 14 $\frac{1}{2}$  west, marked

Chains

5712

T2NS31 on NE. 1/4 Sec. 1, T. 2 N., R. 14 W.,  
R14WS6 on SE.,  
T2NS1 on SW., and brow, 1811 level rev0  
R14WS36 on NW. face; with 6 notches on N.,  
S., and E., and 1 notch on W. edges 1811 00.00

Dig pits, 18x18x12 ins., on each line, N., E., and W.,

3 ft., and S. of post, 7 ft. dist.; and raise a mound

of earth, 4 ft. base, 2 ft. high, S. of cor.

High cliff point facing N. on Floating Island, which is

located in sec. 14, T. 2 N., R. 16 W., bears S. 76° 56' W.;

Pilot Peak (S. end) bears N. 79° 53' W.; and peak in

Newfoundland Mt., bears N. 20° 06' E.

Land, level alkali-clay flat on the Great Salt Lake

Desert or Basin.

Soil, wet, sticky sandy clay, saturated with mineral of

saline character, with streaks of thin layers of

hard lime formation on surface.

No vegetation.

# NORTH BOUNDARY OF T. 2 N., R. 14 W.

From the cor. of Ts. 2 and 3 N., Rs. 14 and 14 1/2 W.,

N. 89° 59' E., on random line, along N. bdy. of T. 2 N.,

R. 14 W., setting temp. 1/4 sec. and sec. cors. at

intervals of 40.00 chs., and at 478.57 chs. dist.,

intersect the Third Guide Meridian West, 15 lks. S.

of the cor. of Ts. 2 and 3 N., Rs. 13 and 14 W.,

established by me under this Group and described in

book "P". The falling answers to a correction of 0.11

or 2 1/2 lks. N. per mile counting from the NW. cor. of

the tp., Thence

S. 89° 58' W., bet. secs. 1 and 36, on true line along

N. bdy. of T. 2 N., R. 14 W.

Over level alkali-clay flat, through few scattered salt

brush and few sandy rises, 2 to 3 ft. high.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in

the ground, for 1/4 sec. cor., marked

below, 1/2 sec. cor. marked

to read as 1/2 S 36 on N., and  
1/2 S 1 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,  
E. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 1, 2, 35, and 36, marked

T3NS36 on NE.,  
S1 on SE.,  
T2NS2 on SW., and  
R14WS35 on NW. face; with 1 notch on  
E. and 5 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit a quart of glass at base of post.

Land, level alkali-clay flat, with few scattered sandy  
ridges, 2 to 3 ft. high, on portions of mile.

Soil, heavy, wet, white clay saturated with mineral,  
and sandy clay.

Undergrowth, few scattered salt brush.

S. 89°58' W., bet. secs. 2 and 35.

Over level flat, through few scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for 1/4 sec. cor., marked

1/2 S 35 on N., and  
S 2 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,  
N. of cor. Deposit a quart of glass at base of post.

Brine encountered 26 ins. beneath the surface.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 2, 3, 34, and 35, marked

T3NS35 on NE.,  
S2 on SE.,  
T2NS3 on SW., and  
R14WS34 on NW. face; with 2 notches on  
E. and 4 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,

Chains

W. of cor. Deposit a quart of glass at base of post.  
Brine encountered 24 ins. beneath the surface.  
Land, level alkali-clay flat.  
Soil, heavy, white, wet, sticky clay saturated with mine  
Undergrowth, few scattered salt brush on E. 47 chs. of  
mile.

S. 89°58' W., bet. secs. 3 and 34.  
Over level flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 34 on N., and  
S 3 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor. Deposit a quart of glass at base of post.

Brine encountered 20 ins. beneath the surface.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 3, 4, 33 and 34, marked

T3NS34 on NE.,  
S3 on SE.,  
T2NS4 on SW., and  
R14WS33 on NW. face; with 3 notches on  
E. and W. edges.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Brine encountered 18 ins. beneath the surface.

Land, level alkali-clay flat.

Soil, heavy, wet sticky sandy clay and clay, with few  
streaks of thin layers of hard lime formation near  
surface,

No vegetation.

S. 89°58' W., bet. secs. 4 and 33.

Over level flat, void of vegetation.

NORTH BOUNDARY OF T. 2 N., R. 14 W.

Chains

40.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 33 on N., and  
S 4 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of post.

Brine encountered 18 ins. beneath the surface.

80.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 4, 5, 32, and 33, marked

T3NS33 on NE.,  
S4 on SE.,  
T2NS5 on SW., and  
R14WS32 on NW. face; with 4 notches on E. and 2 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post.

Brine encountered 20 ins. beneath the surface.

Land, level alkali-clay flat.

Soil, heavy, wet, sticky, white clay saturated with mineral, and having scattered streaks of thin layers of lime formation on the surface.

No vegetation.

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S. 89°58' W., bet. secs. 5 and 32.

Over level flat, void of vegetation.

40.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 32 on N., and  
S 5 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of post.

Brine encountered within 2 ft. beneath the surface.

80.00

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, marked

NORTH BOUNDARY OF T. 3 N., R. 14 W.

Chains

T3N832 on NE.,

R5 on SE.

T2N86 on SW., and

R14831 on NW. face; with 5 notches on E. and 1 notch on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high.

W. of cor. Deposit a quart of glass at base of post.

Brine encountered at 18 ins. beneath the surface.

Land, level alkali-clay flat.

Soil, heavy, wet, sticky, white clay, with streaks of lime formation near surface.

No vegetation.

S. 89°58' W., bet. secs. 6 and 31.

Over level clay flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for ¼ sec. cor., marked

¼ S 31 on N., and  
S 6 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;

and raise a mound of earth, 3½ ft. base, 1½ ft. high.

N. of cor. Deposit a quart of glass at base of post.

Brine encountered 18 ins. beneath the surface.

78.57 The cor. of Ts. 2 and 3 N., Rs. 14 and 14½ W., heretofore described.

Land, level alkali-clay flat.

Soil, heavy, wet, sticky, white clay saturated with mineral of saline character, with streaks of lime formation on portions of mile.

No vegetation.

WEST BOUNDARY OF T. 3 N., R. 14 W.

From the cor. of Ts. 2 and 3 N., Rs. 14 and 14½ W.,

North, bet. secs. 31 and 36, on range line bet. ranges 14 and 14½ W.

Over level clay flat, void of vegetation.

Chain

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked.

$\frac{1}{4}$  S 36 on W., and  
S 31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 25, 30, 31, and 36, marked

T3WS30 on NE.,  
R14WS31 on SE.,  
S36 on SW., and  
R14WS25 on NW. face; with 1 notch on S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post.

Land, level alkali-clay flat.

Soil, wet, sticky sandy clay saturated with mineral.

No vegetation.

North, bet. secs. 25 and 30.

Over level flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 25 on W., and  
S 30 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked

T3WS19 on NE.,  
R14WS30 on SE.,  
S25 on SW., and  
R14WS24 on NW. face; with 2 notches on S. and 4 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.;



## Chains

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and raise a mound of earth, 4 ft. base, 2<sup>ft.</sup> high;

W. of cor. Deposit a quart of glass at base of post.

Land, level alkali-clay flat.

Soil, heavy, wet sandy clay.

No vegetation.

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North, bet. secs. 19 and 24:

Over level flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

S 24 on W.,  
S 19 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;

and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,

W. of cor. Deposit quart of glass at base of post.

64.00 W. edge of very scattered salt brush, extending north-easterly.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, marked

T3NS18 on NE.,  
R14WS19 on SE.,  
S24 on SW., and  
R14 $\frac{1}{2}$ WS13 on NW. face; with 3 notches  
on N. and S. edges.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Land, level alkali-clay flat.

Soil, very wet, sticky sandy clay, saturated with minerals.

No vegetation.

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North, bet. secs. 13 and 18.

Over level flat, void of vegetation.

38.00 Thin salt crust on surface, extending E. and W.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

Station

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 7, 12, 13, and 18, marked

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor. Deposit a quart of glass at base of post.

T3NS7 on NE.,  
 R14WS18 on SE.,  
 S13 on SW., and  
 R14WS12 on NW. face; with 4 notches on S. and 2 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post.

Land, level alkali-clay flat.

Soil, wet, sticky sandy clay saturated with mineral.

No vegetation.

North, bet. secs. 7 and 12.

Over level flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for ¼ sec. cor., marked

¼ S 12 on W., and  
 S 7 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 1, 6, 7, and 12, marked

T3NS6 on NE.,  
 R14WS7 on SE.,  
 S12 on SW., and  
 R14WS1 on NW. face; with 5 notches on S. and 1 notch on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post.

Land, level alkali-clay flat.

Chains

Soil, very wet, sticky sandy clay saturated with mineral  
No vegetation.

North, bet. secs. 1 and 6.

Over level flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 1 on W., and  
S 6 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for corner of townships 3 and 4 north,  
ranges 14 and 14 $\frac{1}{2}$  west, marked

T4NS31 on NE.,  
R14WS6 on SE.,  
T3NS1 on SW., and  
R14WS36 on NW. face; with 6 notches on  
on N., S., and E. edges, and 1 notch on  
W. edge.

Dig pits, 18x18x12 ins., on line, N., E. and W., 3 ft.,  
and S. of post, 7 ft. dist.; and raise a mound of  
earth, 4 ft. base, 2 ft. high, S. of cor. Deposit a  
quart of glass at base of post.

Land, level alkali-clay flat.

Soil, very wet, sticky sandy clay saturated with mineral  
No vegetation.

From this twp. cor.

Peak in Newfoundland Mountain, bears N. 29° 40' E.

S. and Pilot Peak, bears S. 82° 05' W.

Low Pass (N. center) bet. Silver and Crater Islands,  
bears due West.

NORTH BOUNDARY OF T. 3 N., R. 14 W.

From the cor. of T. 3 N. and R. 14 W. to

N. 89° 58' E., on a random line, ending at

setting temp.  $\frac{1}{4}$  sec. and sec. cors. at intervals of 40.00 chs., and at 477.87 chs. dist. intersect the Third Guide Meridian West, at the cor. of Ts. 3 and 4 N., Rs. 13 and 14 W., hereinbefore described, in book "F" this group.

Thence,

S.  $89^{\circ}58'$  W., bet. secs. 1 and 36, on true line along N. bdy. of T. 3 N., R. 14 W.

Over high, rough mountainous land, through short, scattered undergrowth; ascend abrupt, rocky E. slope.

5.40 Sharp divide ridge of Newfoundland Mountain, 190 ft.

above tp. cor., bears N.  $10^{\circ}$  E. and S.  $5^{\circ}$  W.; descend general W. slope of mountain, with abrupt NW. and W. exposures.

30.00 Base of the abrupt and rocky slope, 840 ft. below divide, bears N. and SW.; continue more gradual descent over rolling NW. slope, stony and gravelly soil.

40.00 On a slight SW. exposure, 1040 ft. below divide, Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{S36}{S1}$$

1925

Raise a mound of stone, 3 ft. base, 2 ft. high; N. of cor. Cor. situated 30 lks. NE. of a small drain, from SE. and drains S.  $80^{\circ}$  W.

Continue descent over NW. slope.

63.45 Base of descent along NW. slope, and head of wash, drains NW., 335 ft. below  $\frac{1}{4}$  sec. cor.; bottom of large hollow, draining W. bears N. of line about 15 chs. dist.

71.40 Rocky spur, projects N.  $70^{\circ}$  W.; thence along S. slope to

73.40 Top of ascent on rocky S. slope, 30 ft. above head of wash; descend steep, rocky SW. slope, 190 ft. to cor.

79.50 As true point for sec. cor. falls in water course where a permanent cor. cannot be established, therefore at this point; set an iron post, 3 ft. long, 2 ins. in

Chains

dia., 4 ins. in the ground to limestone bedrock, supported by a large mound of stone, for witness corner to cor. of secs. 1, 2, 35, and 36, with brass cap marked

T4N R14W /  
W 835 836  
C 82 81  
T3N  
1925

Deposit a quart of glass at base of post.

80.00 True point for sec. cor. falls on steep sloping bedrock in water course of very small drain, course SW., where a permanent cor. cannot be established. No cor. set here. Cor. is 1540 ft. below divide ridge.

Land, high, rough mountainous; abrupt E. slope and drainage on E. 5.40 chs., and to W. on remainder of mile.

Soil, rocky of limestone formation in form of outcrops, ledges, bedrock and boulders, with shallow gravelly clay; 4th rate.

Undergrowth, scattered shadscale, match brush and bunch grass. No timber. Fair to poor grazing.

S. 89°58' W., bet. secs. 2 and 35.

Over mountainous land, through short, scattered undergrowth descend SW. slope, 130 ft. to

8.00 Base of mountainous land, bears N.85°W., and SE. for 6 chs., thence SW.; continue over gentle SW. slope.

9.75 Black knoll bears S. of line about 20 chs. dist.

14.75 S. base of small black knoll.

18.00 Dim wagon road which follows along the W. base of Newfoundland Mt., bears N.10°W. and S.10°E.

35.00 Enter greasewood flat, bears N. and S.

40.00 On level land, 235 ft. below true point for sec. cor., Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for 1/2 sec. cor., with brass cap marked

835  
82  
1925

Station

54.00 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
E. of cor. Deposit a quart of glass at base of post.  
56.00 Leave greasewood flat, enter low sandy clay rises, and  
hummocks, with scattered greasewood and salt brush.  
80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 2, 3, 34, and 35, marked

T4NS35 on NE.,  
S2 on SE.,  
T3NS3 on SW., and  
R14WS34 on NW. face; with 2 notches on  
E. and 4 notches on W. edge.

82.00 Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit a quart of glass at base of post.  
E. 8 chs. is mountainous land, SW. slope and drainage;  
soil rocky and gravelly of limestone formation; 4th  
rate: next 27 chs. is gentle SW. and W. slope, lying  
along the W. base of Newfoundland Mountain, with  
gravelly and stony soil; 3rd rate: remainder of mile  
is level or nearly level land, with clay and sandy  
clay, dry; 3rd rate.

Undergrowth, scattered shadscale, greasewood and bunch  
grass on E. portion, medium dense grasewood and salt  
brush on W. portion of mile. Fair grazing land.

S. 89°58' W., bet. secs. 3 and 34.

Over nearly level land with low sandy clay rises and  
hummocks, scattered salt brush; soil, dry sandy clay.

8.50 Enter level alkali-clay flat on the Great Salt Lake  
Desert or Basin, with damp to wet sandy clay soil,  
bears N.10°W., and SW. for about 20 chs., thence S.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for ¼ sec. cor., marked

¼ S 34 on N., and  
¼ S 3 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;

## Chains

- and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
E. of cor. Deposit a quart of glass at base of post.  
Leave scattered salt brush, continue over barren flat
- 80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 3, 4, 33, and 34, marked  
T4NS34 on NE.,  
S3 on SE.,  
T3NS4 on SW., and  
R14WS33 on NW. face; with 3 notches  
on E. and W. edges.
- Dig pits,  $18 \times 18 \times 12$  ins., in each sec.,  $5\frac{1}{2}$  ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit a quart of glass at base of post.  
Land, level alkali-clay flat and low sandy clay rises.  
Soil, wet, sticky sandy clay on W.  $71\frac{1}{2}$  chs.; dry sandy  
clay on E.  $8\frac{1}{2}$  chs.
- Undergrowth, scattered salt brush on E.  $\frac{1}{2}$  mile. None  
on W.  $\frac{1}{2}$  mile.
- 
- S.  $89^{\circ}58'$  W., bet. secs. 4 and 33.  
Over level flat, void of vegetation.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S 33 on N., and  
S 4 on S. face.
- Dig pits,  $18 \times 18 \times 12$  ins., E. and W. of post, 3 ft. dist.;  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor. Deposit a quart of glass at base of post.
- 80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 4, 5, 32, and 33, marked  
T4NS33 on NE.,  
S4 on SE.,  
T3NS5 on SW., and  
R14WS32 on NW. face; with 4 notches on  
E. and 2 notches on W. edge.
- Dig pits,  $18 \times 18 \times 12$  ins., in each sec.,  $5\frac{1}{2}$  ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit a quart of glass at base of post.  
Land, level alkali-clay flat.

Chain

Soil, heavy, wet, sticky sandy clay saturated with mineral.

No vegetation.

Isolated soil bed on the surface of the land.

S. 89°58' W., bet. secs. 5 and 32.

Over level alkali-clay flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked

$\frac{1}{4}$  S 32 on N., and  
S 5 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 5, 6, 31, and 32, marked

T4NS32 on NE.,  
S5 on SE.,  
T3NS6 on SW., and  
R14WS31 on NW. face; with 5 notches on E. and 1 notch on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of post.

Land, level alkali-clay flat.

Soil, very wet, sticky sandy clay saturated with mineral.

No vegetation.

S. 89°58' W., bet. secs. 6 and 31.

Over level flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$ -sec. cor., marked

$\frac{1}{4}$  S 31 on N., and  
S 6 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, E. of cor. Deposit a quart of glass at base of post.

77.87 The corner of townships 3 and 4 north, ranges 14 and 14 $\frac{1}{2}$  west, heretofore described.



WEST BOUNDARY OF T. 4 N., R. 14 W.

Chains

Land, level alkali-clay flat on the Great Salt Lake  
Desert or Basin.

Soil, very wet, sticky sandy clay saturated with mineral  
of saline character.

No vegetation.

WEST BOUNDARY OF T. 4 N., R. 14 W.

From the cor. of Ts. 3 and 4 N., Rs. 14 and 14½ W.  
North, bet. secs. 31 and 36, along range line bet.  
ranges 14 and 14½ W.

Over level alkali-clay flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for ¼ sec. cor., marked  
¼ S 36 on W., and  
S 31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 25, 30, 31, and 36,  
marked

T4NS30 on NE.,  
R14WS31 on SE.,  
S36 on SW., and  
R14½WS25 on NW. face; with 1 notch on  
S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor. Deposit a quart of glass at base of post.

Land, level alkali-clay flat.  
Soil, very wet, sticky sandy clay saturated with mineral  
with slight salt crust on surface.  
No vegetation.

North, bet. secs. 25 and 30.  
Over level flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  
 to east to sec. 25 on W., and  
 S 30 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;  
 and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 19, 24, 25, and 30, marked

T4NS19 on NE.,  
 R14WS30 on SE.,  
 S25 on SW., and  
 R14WS24 on NW. face; with 2 notches on S. and 4 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.;  
 and raise a mound of earth, 4 ft. base, 2 ft. high,  
 W. of cor. Deposit a quart of glass at base of post.

Land, level alkali-clay flat.

Soil, very wet, sticky, dark sandy clay saturated with mineral, slight salty crust on surface.

No vegetation.

North, bet. secs. 19 and 24.

Over level alkali-clay flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S 24 on W., and  
 S 19 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;  
 and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. of secs. 13, 18, 19, and 24, marked

T4NS18 on NE.,  
 R14WS19 on SE.,  
 S24 on SW., and  
 R14WS13 on NW. face; with 3 notches on N. and S. edges.

# Chains

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high.  
W. of cor. Deposit a quart of glass at base of post.  
Land, level alkali-clay flat.  
Soil, very wet, sticky sandy clay saturated with mineral  
slight crust of salt on surface of S. 70 chs. of mile  
No vegetation.

North, bet. secs. 13 and 18.

Over level alkali-clay flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S 13 on W., and  
S 18 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;  
and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high.  
W. of cor. Deposit a quart of glass at base of post.  
80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for cor. of secs. 7, 12, 13, and 18,  
marked

T4NS7 on NE.,  
R14WS18 on SE.,  
S13 on SW., and  
R14WS12 on NW. face; with 4 notches on  
S. and 2 notches on NW edge.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high.  
W. of cor. Deposit a quart of glass at base of post.  
Land, level alkali-clay flat.  
Soil, heavy, wet, sticky, brown sandy clay saturated with  
mineral.  
No vegetation.

North, bet. secs. 7 and 12.

Over level alkali-clay flat, void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked

WEST BOUNDARY OF T. 4 N., R. 14 W.

Chains

Set a post 12 on W., and  
 7 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;  
 and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
 W. of cor. Deposit a quart of glass at base of post.

67.06. Intersect the First Standard Parallel North, Range 14  
 West, at a point West, 21.32 chs. dist. from the  
 standard cor. of secs. 31 and 32, which is a pine post  
 6 ins. sq., extending 4 ins. above ground, properly  
 marked, and witnessed by faint evidence (discoloration  
 of soil) of pits E., W., and N. of post. No evidence  
 of the mound of earth. This cor. was established in  
 1903 by Dougall and Talamantes, U.S. Deputy Surveyors.

At point of intersection,

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in  
 the ground, for closing corner of townships 4 north,  
 ranges 14 and 14½ West, marked

CCT4N on S.,  
 R14WS7 on E., and  
 R14½WS12 on W. face; with 6 grooves  
 on E., W., and S. faces.

Dig pits, 18x18x12 ins., E. and W., 5 ft., and S. of  
 post, 8 ft. dist.; and raise a mound of earth, 4 ft.  
 base, 2 ft. high, S. of cor. Deposit a quart of  
 glass at base of post.

Land, level alkali-clay flat on the Great Salt Lake  
 Desert or Basin

Soil, wet, sticky, dark sandy clay saturated with  
 mineral of saline character.

No vegetation.

From this closing twp. cor.;

High point of Floating Island, bears S.32°08' W.

High peaks in Silver Island, bears S.53°10' W., and

S.57½°W.; Pilot Peak (S. end), bears S.80°12' W.;

High peak in Newfoundland Mountain, bears N.45°48' E.;

and high knob on mountain, bears N.38°43' W.

GENERAL DESCRIPTION

With the exception of the east portions of the boundaries of Twp. 1, 2, and 3 N., R. 12 W. which are desert lands broken by low rocky ridges and covered with shrubs and scattered greasewood undergrowth, and the east portion of T. 3 N., R. 14 W. and the west portion of T. 3 N., R. 13 W. which pass over the southern end of Newfoundland Mountain, a high, rugged ridge with precipitous slopes, the township exterior recorded in this book of field notes are situated on the Great Salt Lake Desert or Basin. This desert is a vast barren waste practically void of any vegetation and nearly level. Skirting the outer edges, however are low hummocks and sand rises while the desert proper is an alkali flat.

The soil of the desert proper is a heavy, wet, sticky clay, saturated with minerals saline in character and with water in the form of a heavy brine 1 to 3 ft. under the surface, thus preventing the growth of any vegetation. Near the outer edges of the desert the soil becomes more sandy or sandy clay loam with areas of hardpan. In these areas the soil supports a scrub growth of greasewood and salt brush.

There is no habitation of any kind in the area surveyed neither are there any springs of fresh water.

Soil, wet, sticky, heavy, saline, level.

Abundant in saline vegetation.

No vegetation.

From this closing up.

High point of elevation is about 10,000 ft.

High peaks in Silver Island, about 10,000 ft.

3,500 ft.; Silver Peak (S. 100 ft.)

High peak in Newfoundland Mountain, about 10,000 ft.

and high peaks on mountains about 10,000 ft.

High peaks, about 10,000 ft.



# CERTIFICATE OF UNITED STATES

I, Andrew Nelson, U. S. ~~Surveyor~~ <sup>Cadastral Engineer</sup>, hereby certify, under the authority of special instructions received from the U. S. Surveyor General for Utah, bearing date of the 11th day of April, 19 25, I have well, faithfully, and in my own proper person, and in strict conformity with said instructions, the Manual of Surveying ~~Instructions~~ <sup>and the laws of the United States</sup>, surveyed all those parts or portions of the exterior lines of Tps. 1, 2, 3, and 4 N., Rs. 12, 13, and 14 W.

Base and Meridian, in the State of Utah, of the Salt Lake, which are represented by the foregoing field notes as having been executed by me, and under my direction; and that all the corners and boundaries of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey. Certified to at:  
Salt Lake City, Utah,  
July 23, 1930.

*Andrew Nelson*  
U.S. Cadastral Engineer

## APPROVAL.

Supervisor of Surveys  
OFFICE OF THE UNITED STATES ~~SURVEYOR GENERAL~~

Denver, Colorado, NOV 5 1931

The foregoing field notes of the survey of the exterior lines of Tps. 1, 2, 3, 4 N., Rs. 12, 13, and 14 W., Salt Lake Base and Meridian, Utah,

executed by Andrew Nelson, U.S. Cadastral Engineer

under his special instructions dated April 11, 1925, 12, having critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*James H. Simon*  
Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above described surveys in \_\_\_\_\_, has been correctly copied from the original notes on file in this office.